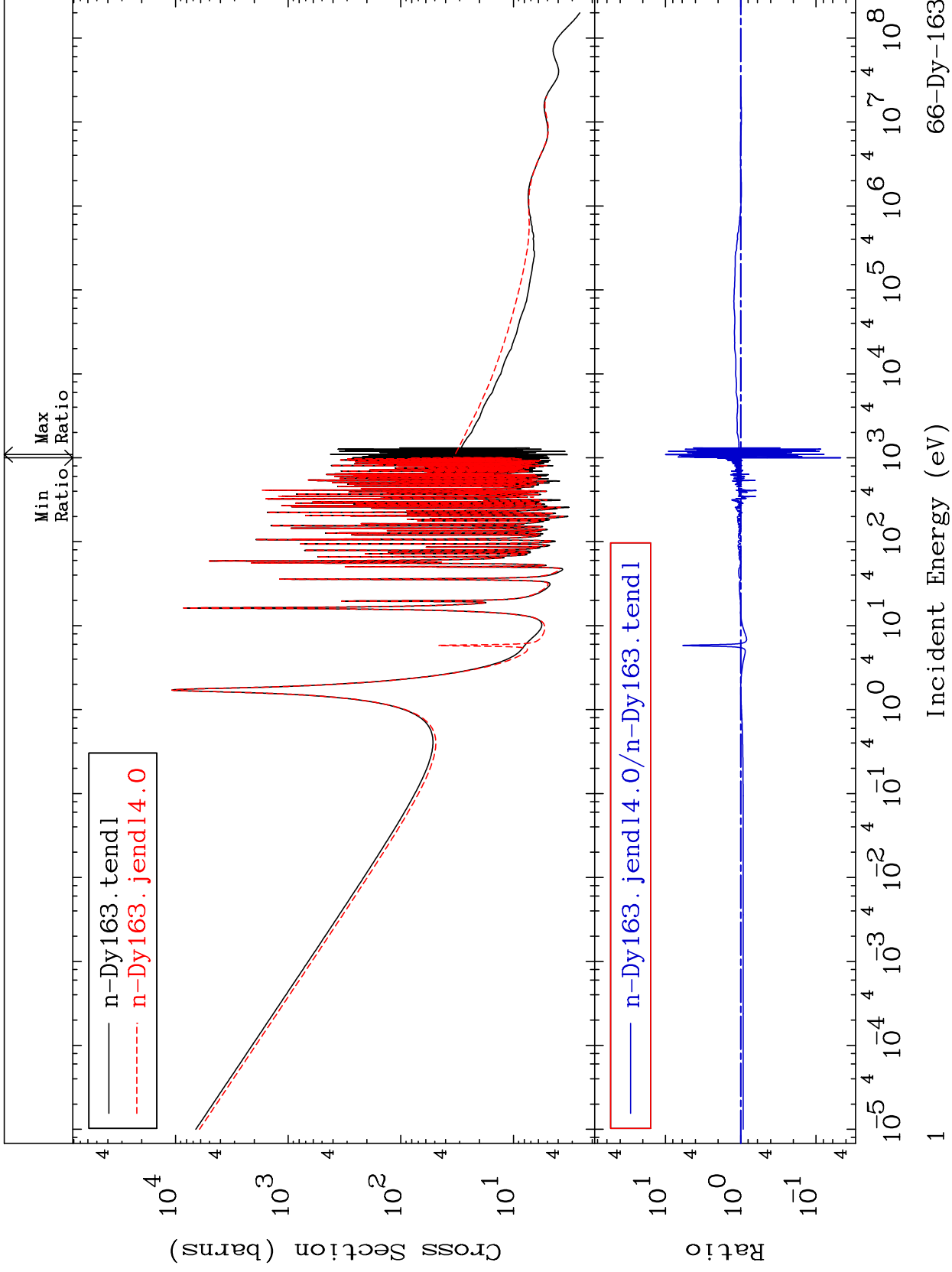


MAT 6646

Total  
Cross Section

66-Dy-163  
-95.31 To 899.8 %



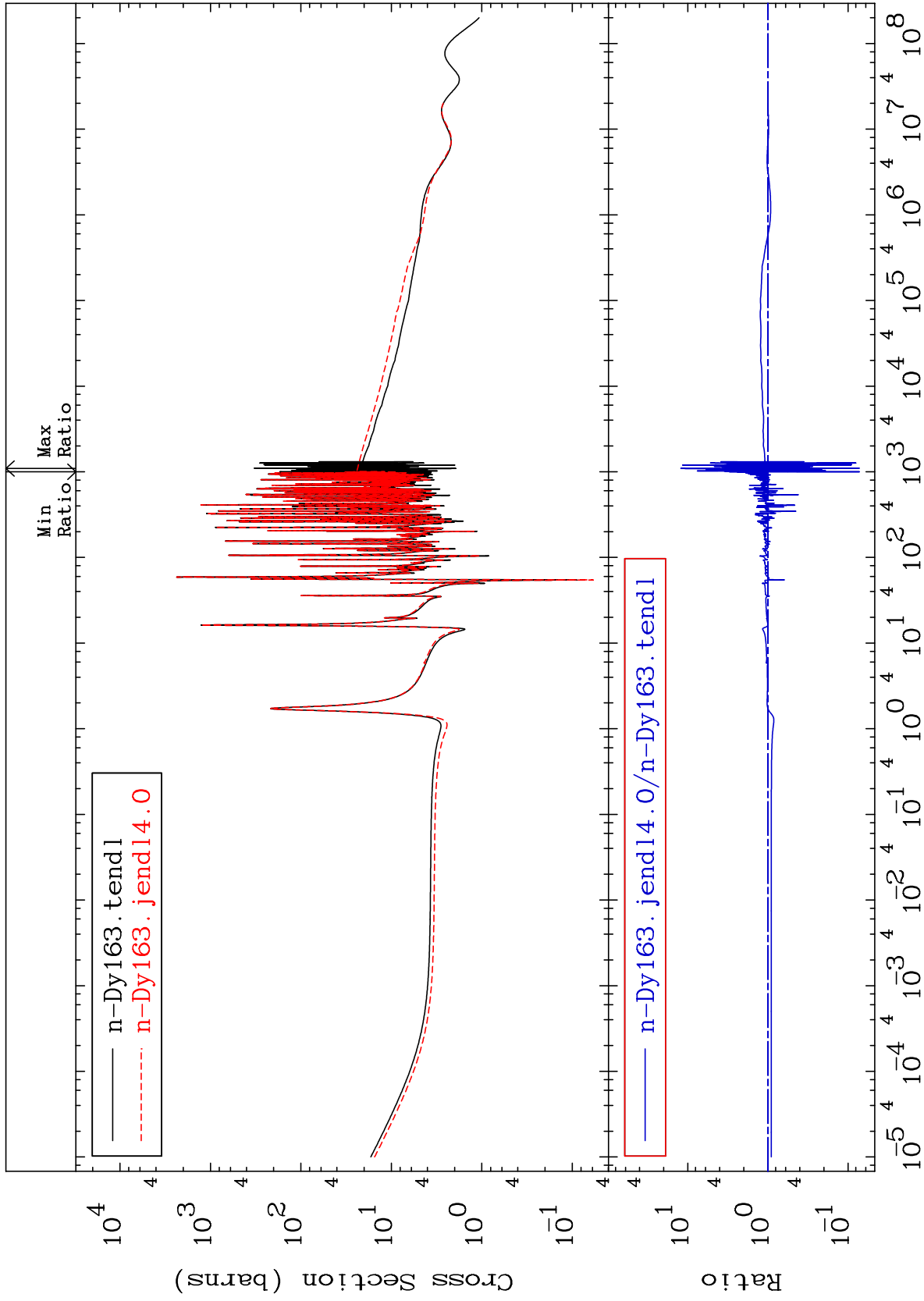
MAT 6646

Elastic

66-Dy-163

Cross Section

-92.81 To 1125. %



Incident Energy (eV)

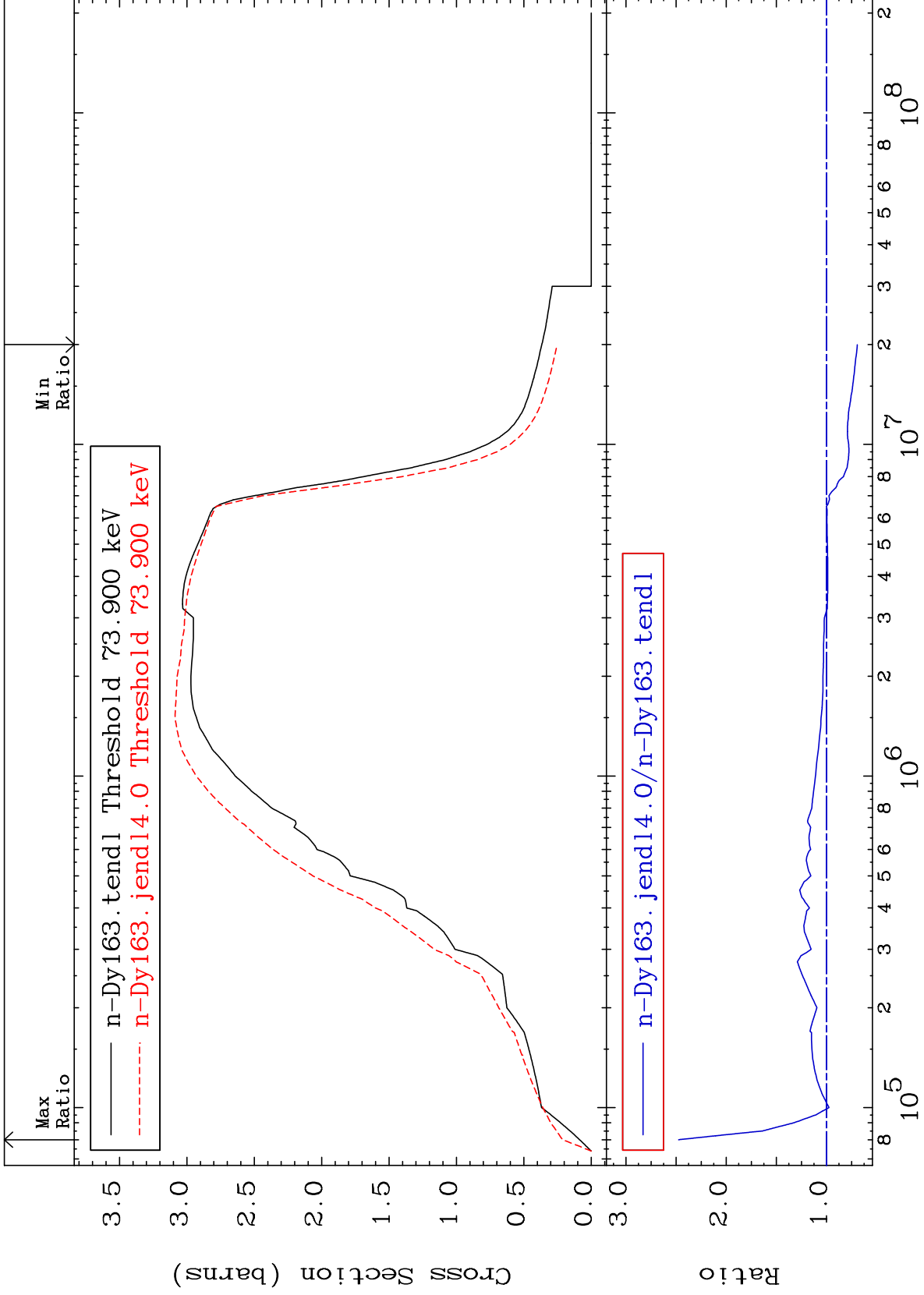
66-Dy-163

2

MAT 6646

Inelastic  
Cross Section

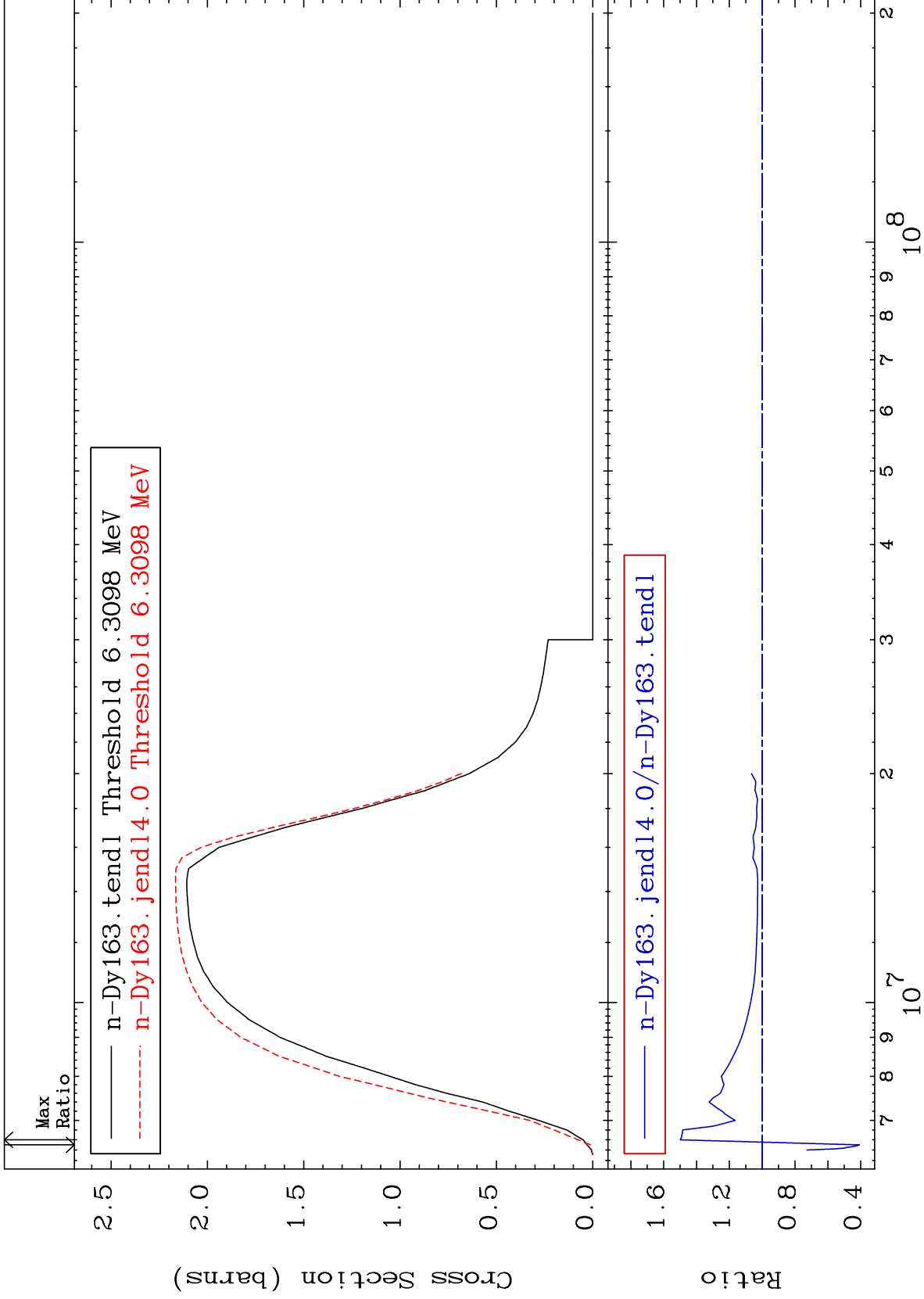
66-Dy-163  
-30.68 To 147.5 %



MAT 6646

(n,2n)  
Cross Section

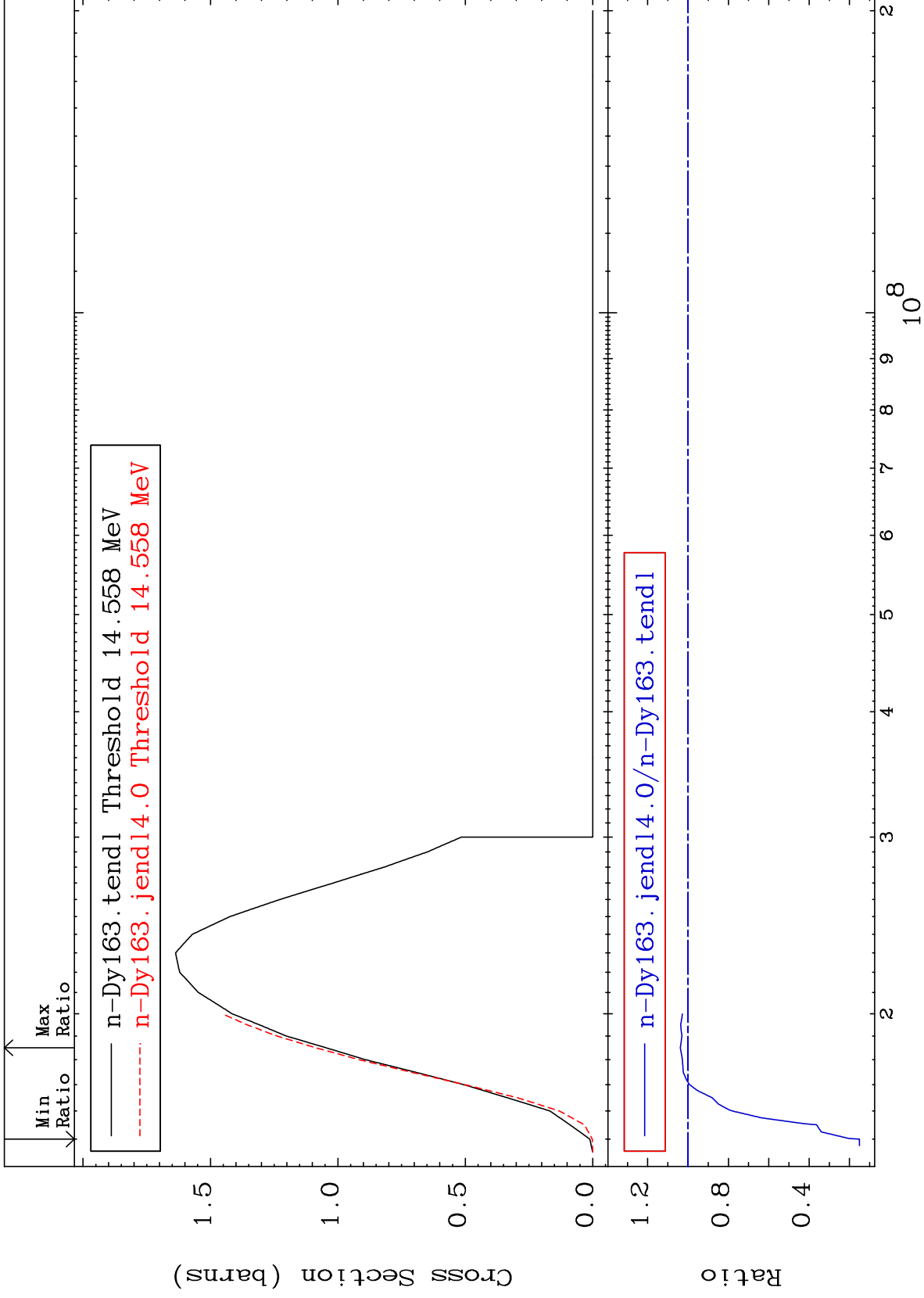
66-Dy-163  
-59.22 To 49.84 %



MAT 6646

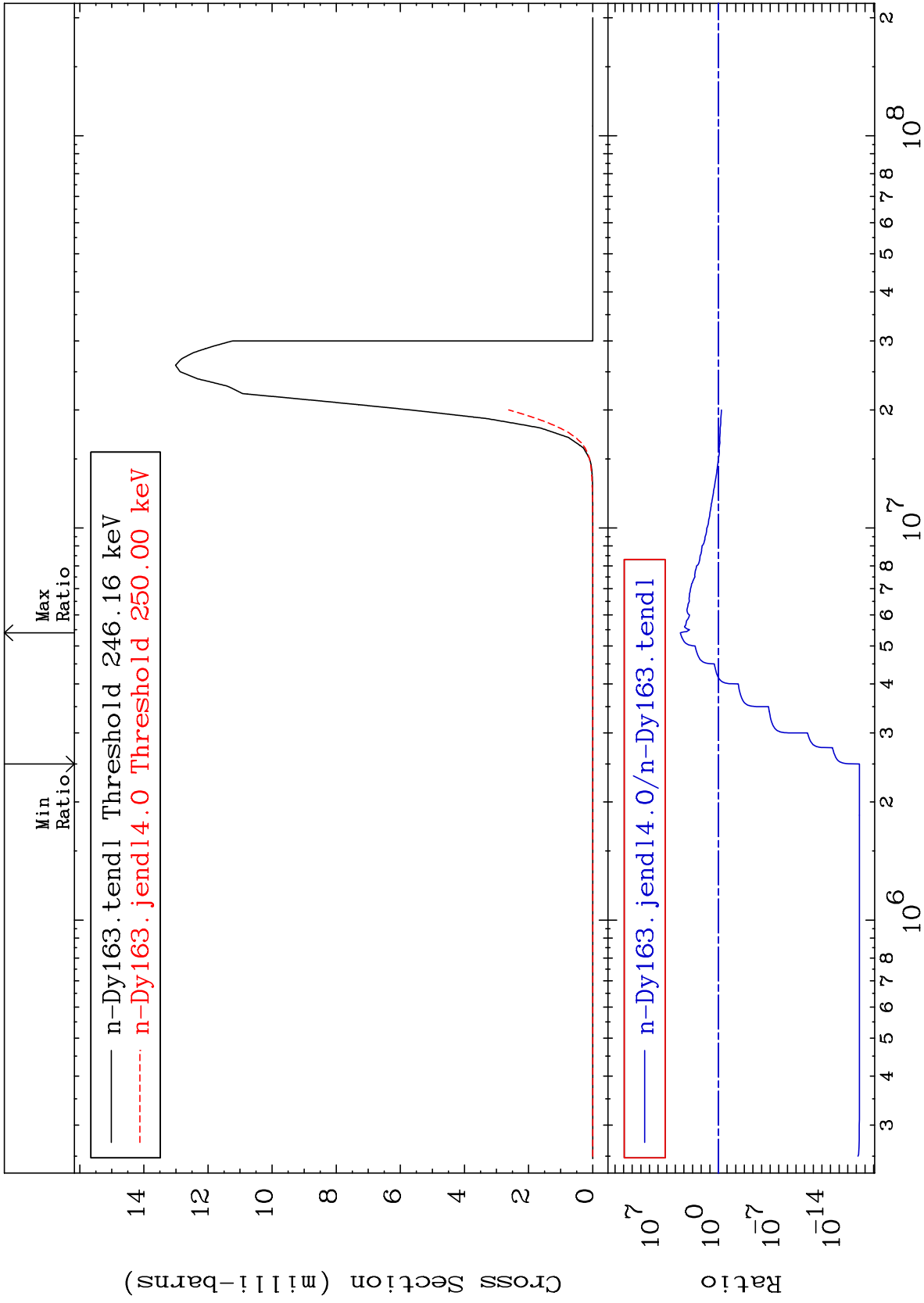
(n,3n)  
Cross Section

66-Dy-163  
-84.92 To 3.805 %



MAT 6646

(n, n')  $\alpha$   
Cross Section  
66-Dy-163  
-100.0 To 9999. %



6

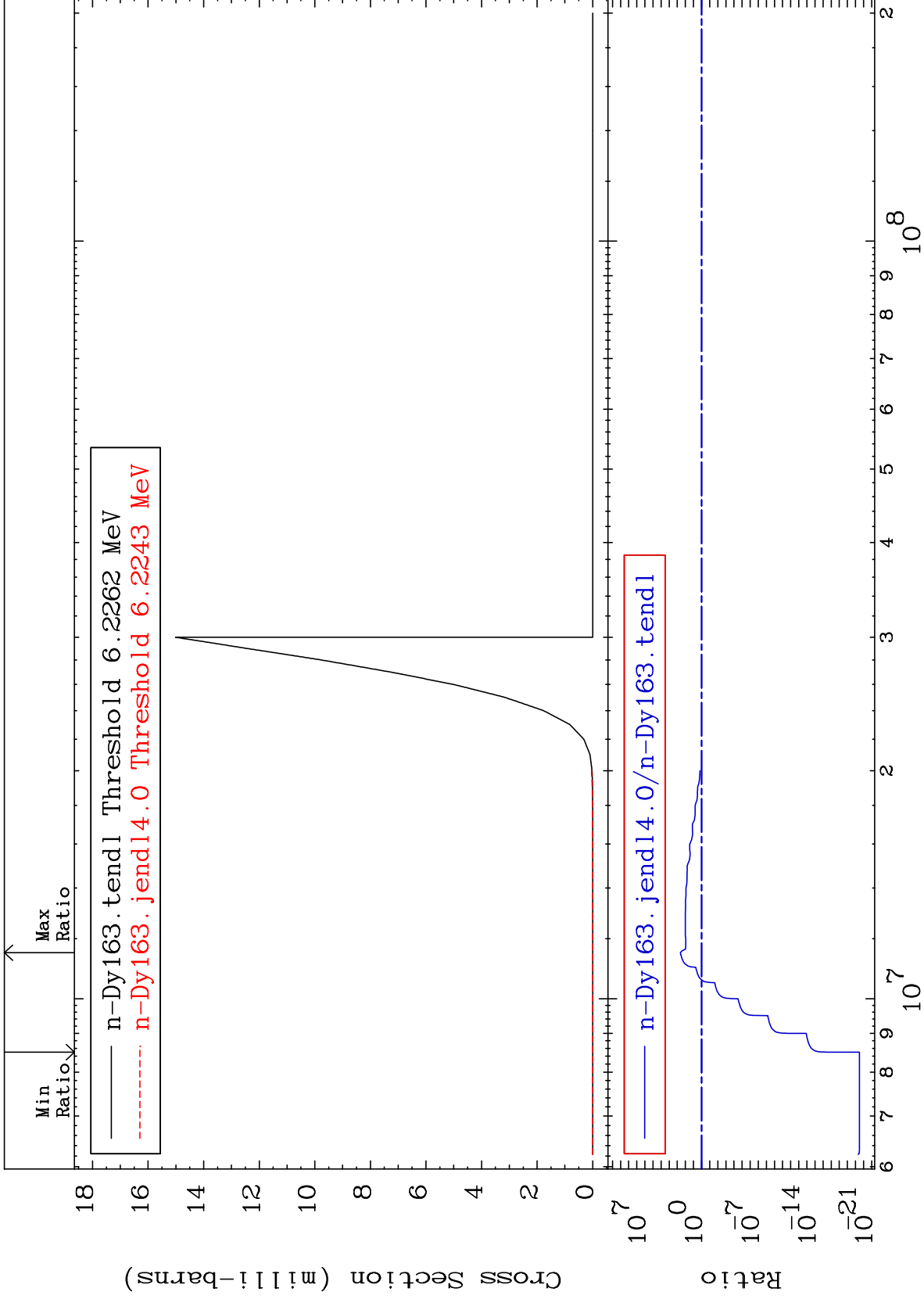
66-Dy-163

66-Dy-163

MAT 6646

(n,2n)  $\alpha$   
Cross Section

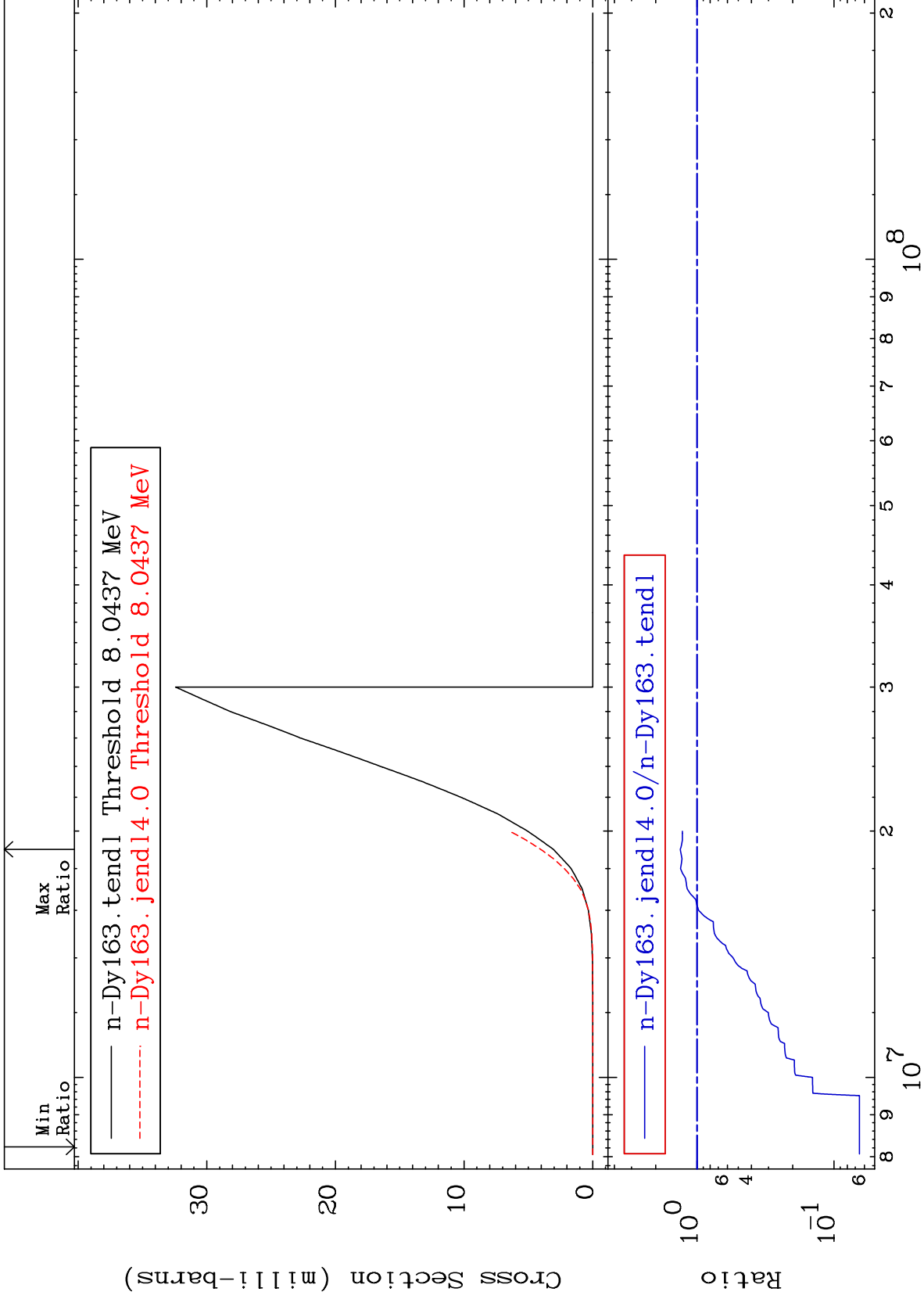
66-Dy-163  
-100.0 To 9999. %



MAT 6646

(n,n') p  
Cross Section

66-Dy-163  
-93.48 To 32.11 %



66-Dy-163

Incident Energy (eV)

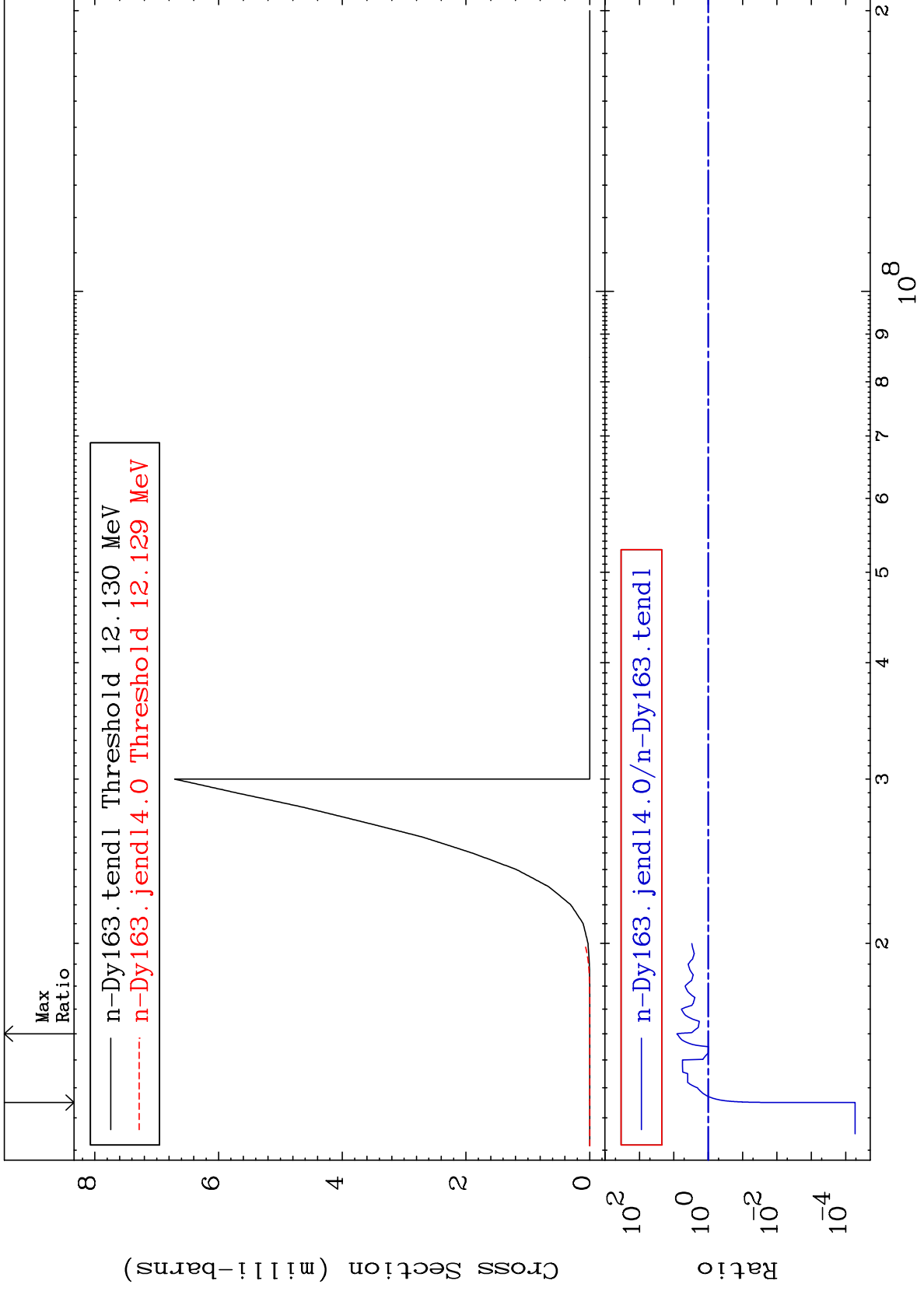
8



MAT 6646

(n, n') d  
Cross Section

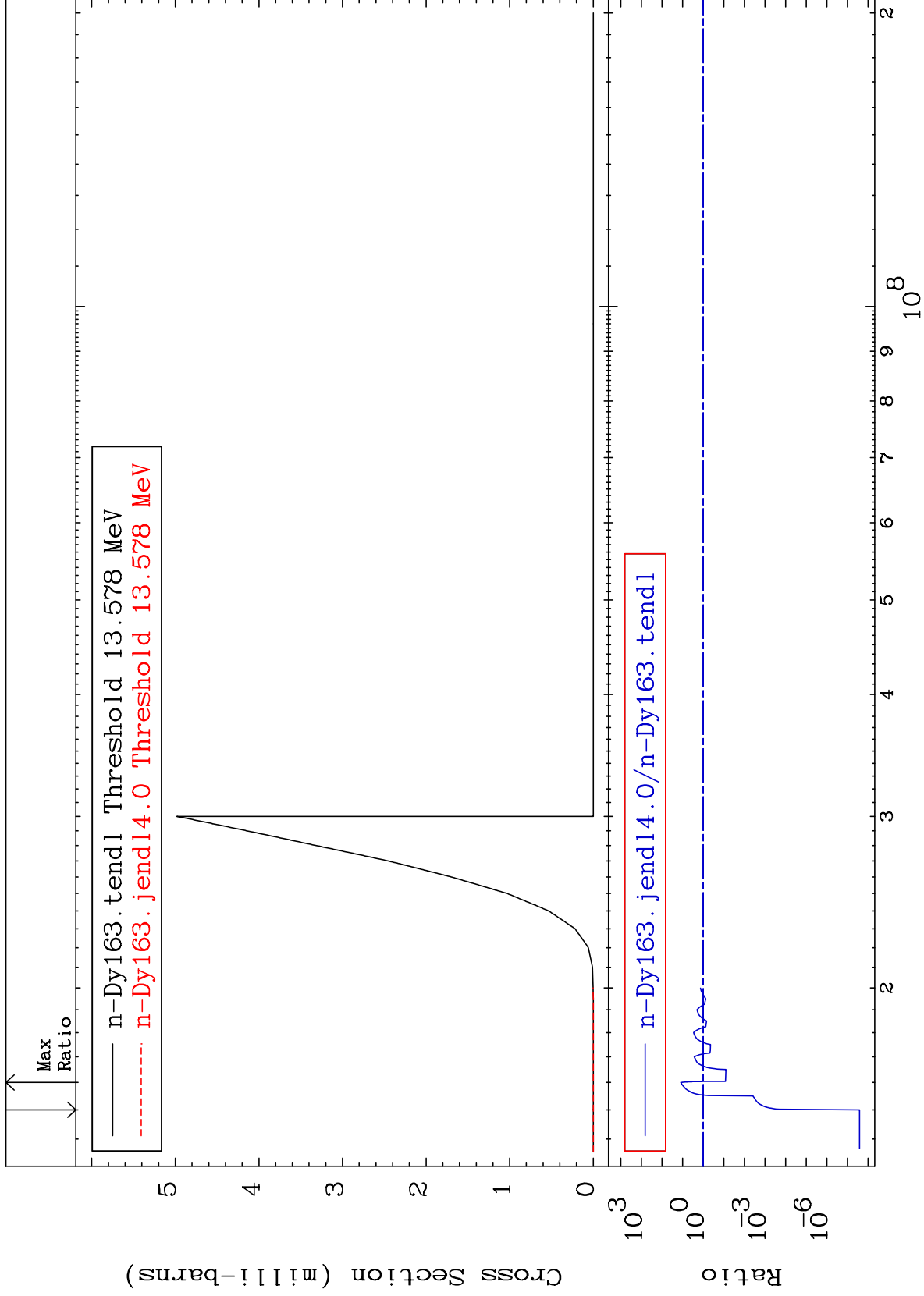
66-Dy-163  
-99.99 To 714.2 %



MAT 6646

(n,n') t  
Cross Section

66-Dy-163  
-100.0 To 1132. %



10

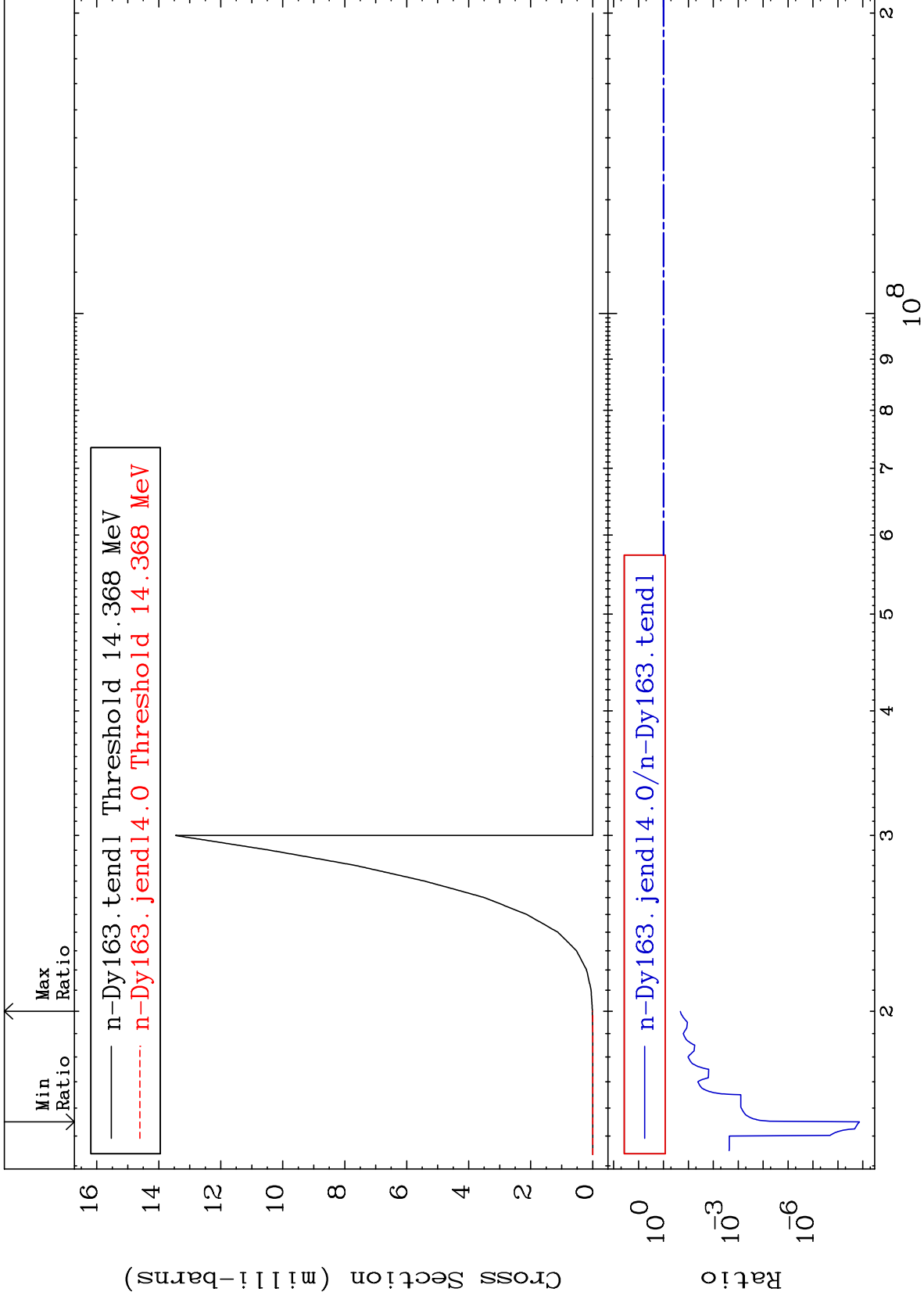
Incident Energy (eV)

66-Dy-163

MAT 6646

(n,2n) p  
Cross Section

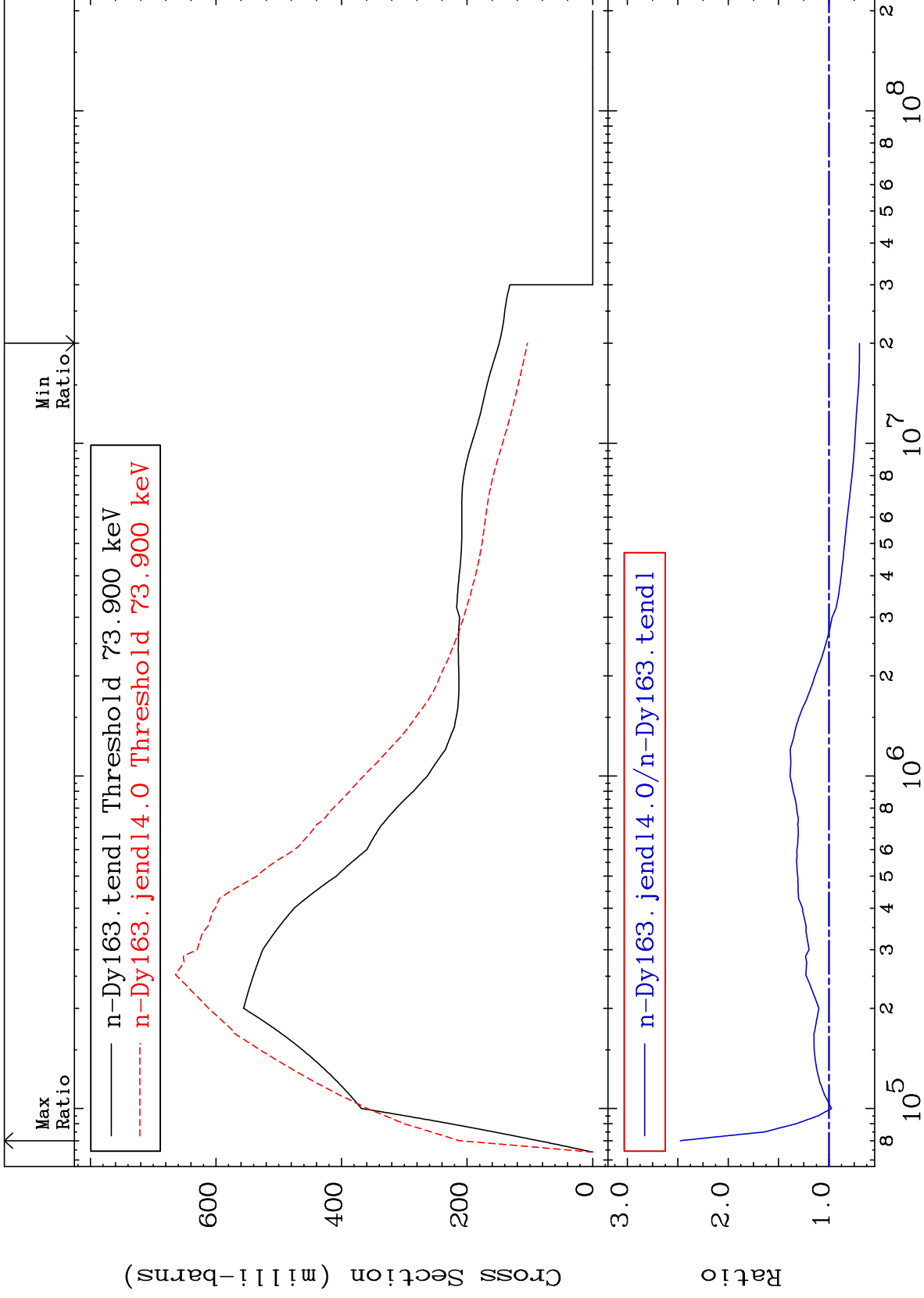
66-Dy-163  
-100.0 To -79.05%



MAT 6646

MT= 51 (n,n') Level  
Cross Section

66-Dy-163  
-30.22 To 147.5 %



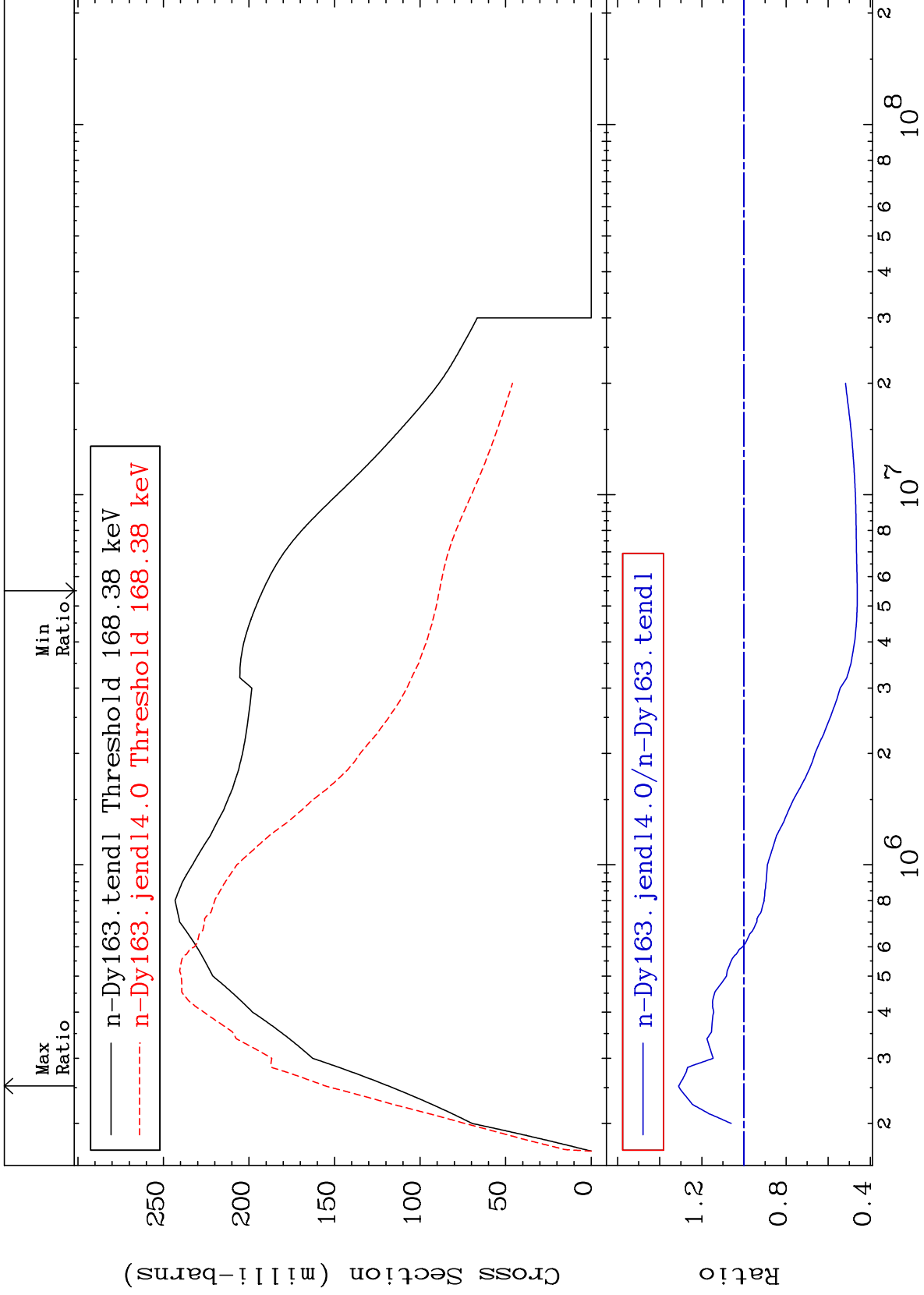
12

66-Dy-163

MAT 6646

MT= 52 (n,n') Level  
Cross Section

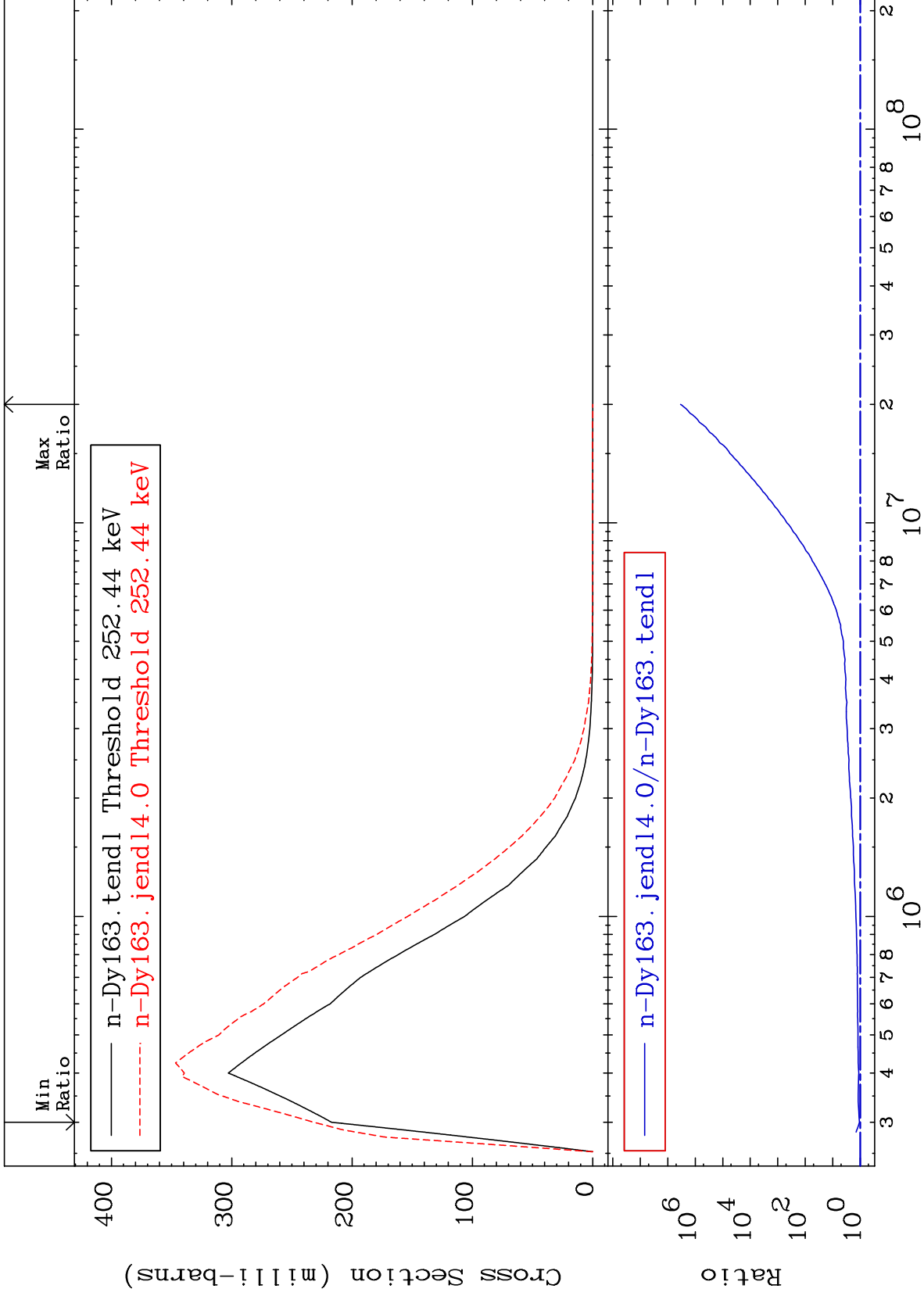
66-Dy-163  
-53.80 To 31.02 %



MAT 6646

MT= 53 (n,n') Level  
Cross Section

66-Dy-163  
6.818 To 9999. %



14

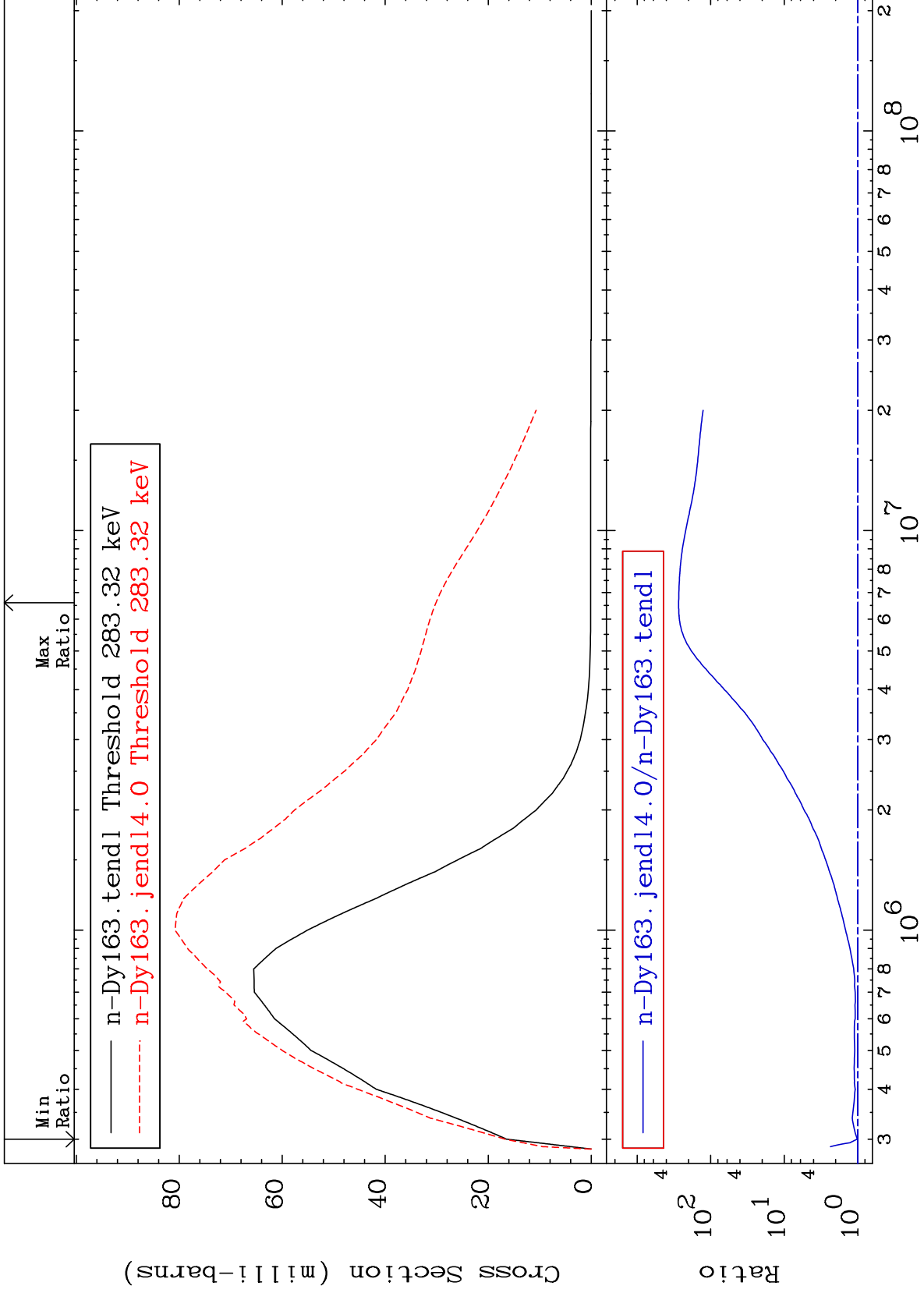
Incident Energy (eV)

66-Dy-163

MAT 6646

MT= 54 (n,n') Level  
Cross Section

66-Dy-163  
1.727 To 9999. %



15

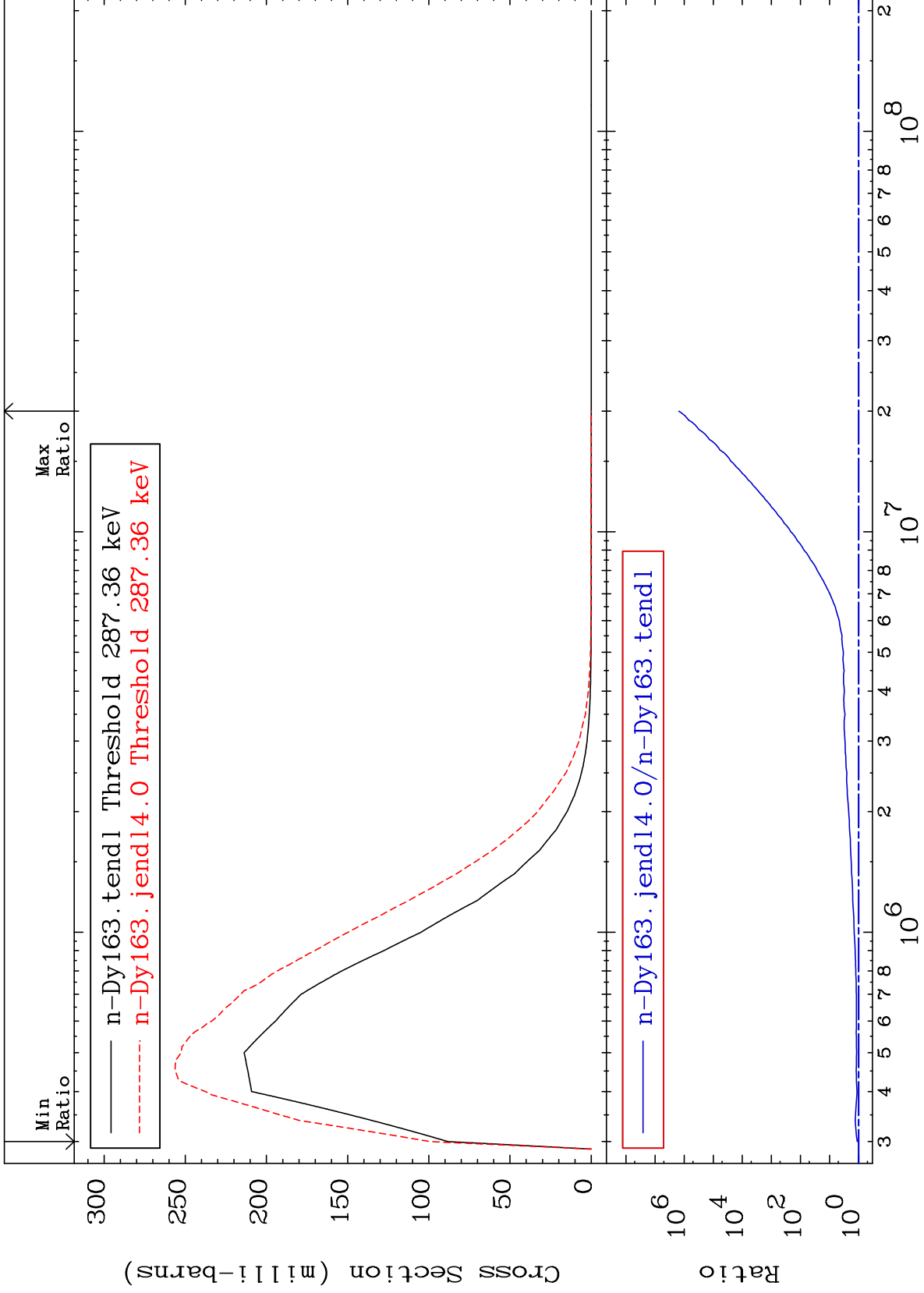
Incident Energy (eV)

66-Dy-163

MAT 6646

MT= 55 (n,n') Level  
Cross Section

66-Dy-163  
12.35 To 9999. %



16

Incident Energy (eV)

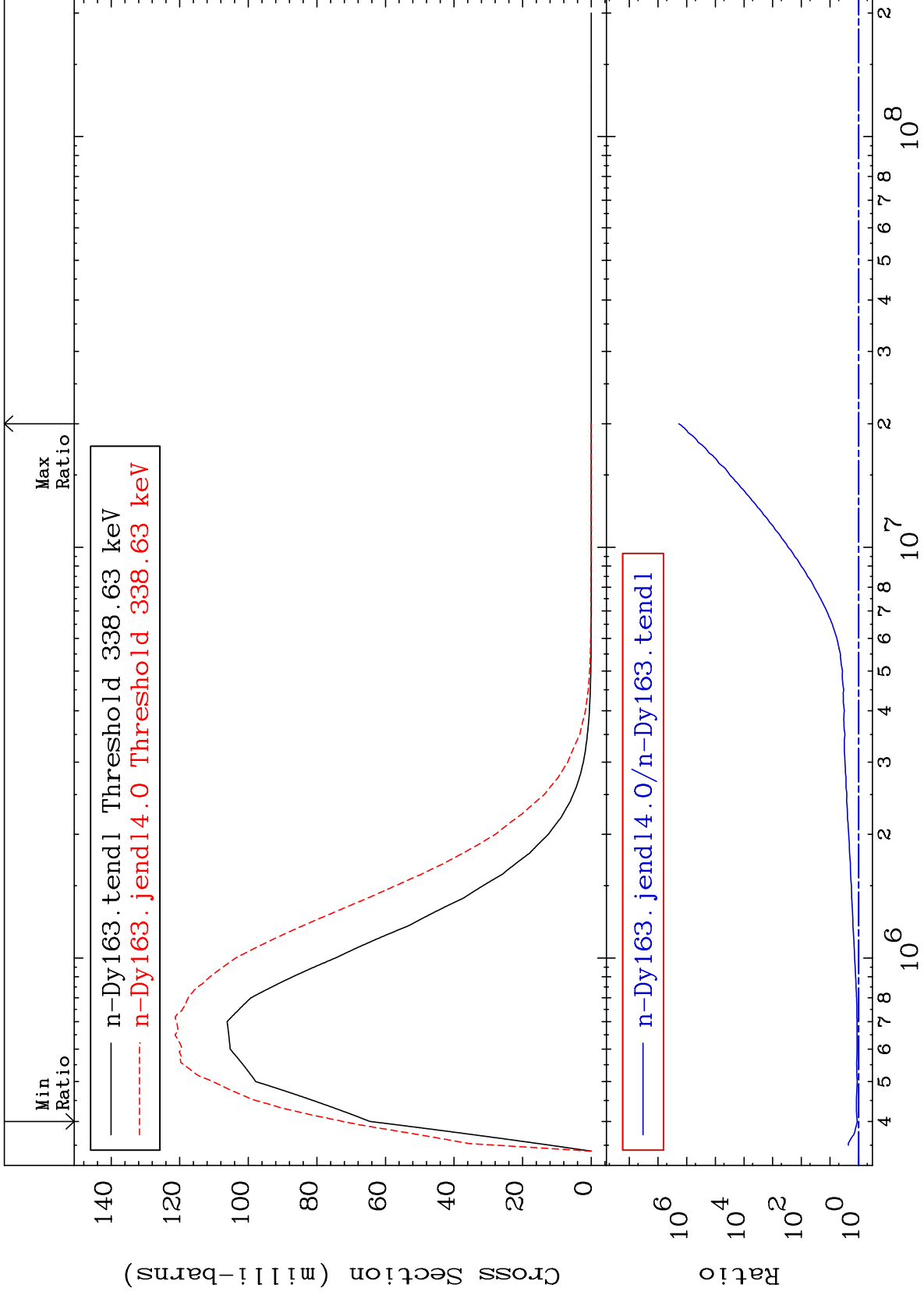
66-Dy-163



MAT 6646

MT= 56 (n,n') Level  
Cross Section

66-Dy-163  
12.22 To 9999. %



17

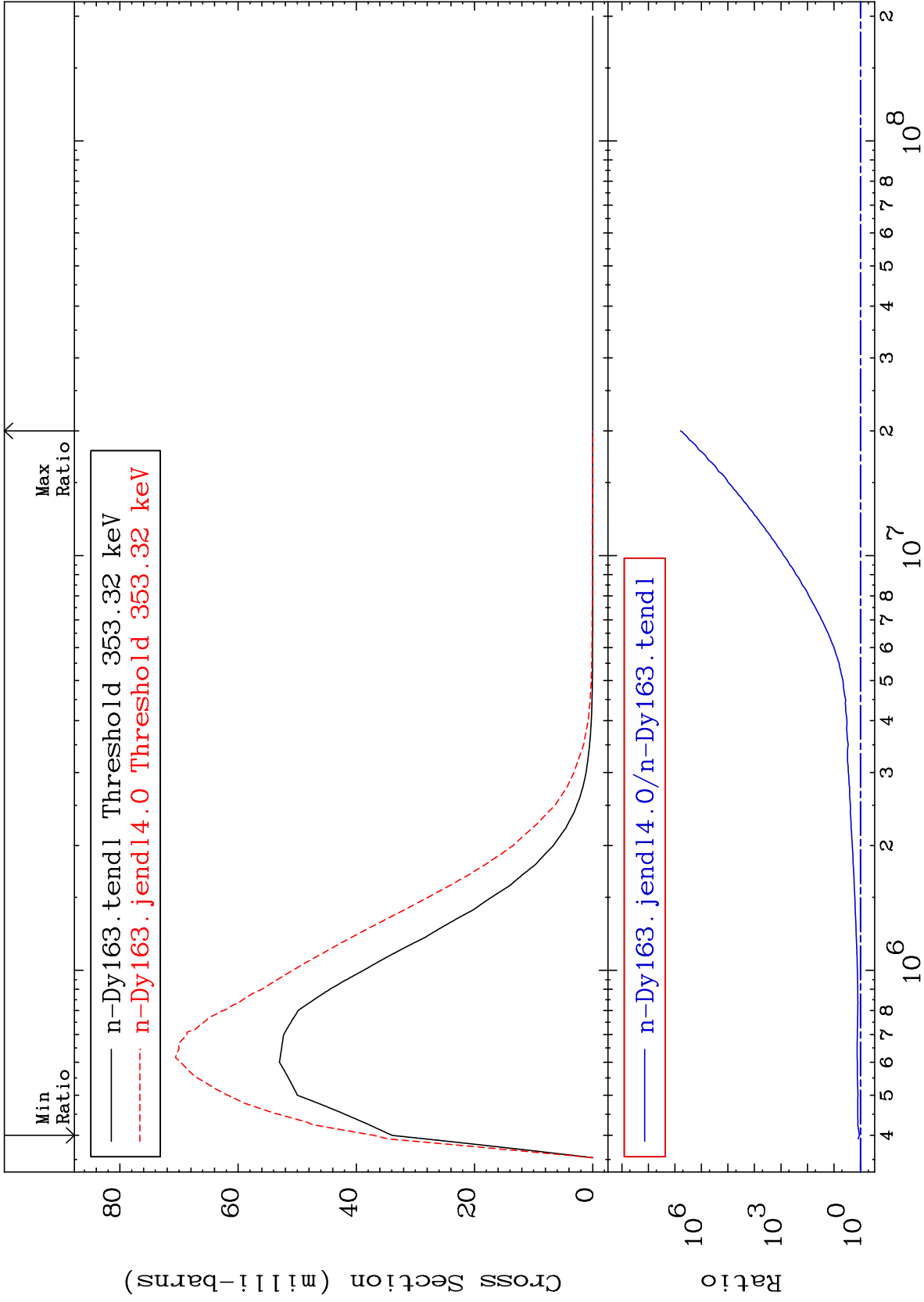
Incident Energy (eV)

66-Dy-163

MAT 6646

MT= 57 (n,n') Level  
Cross Section

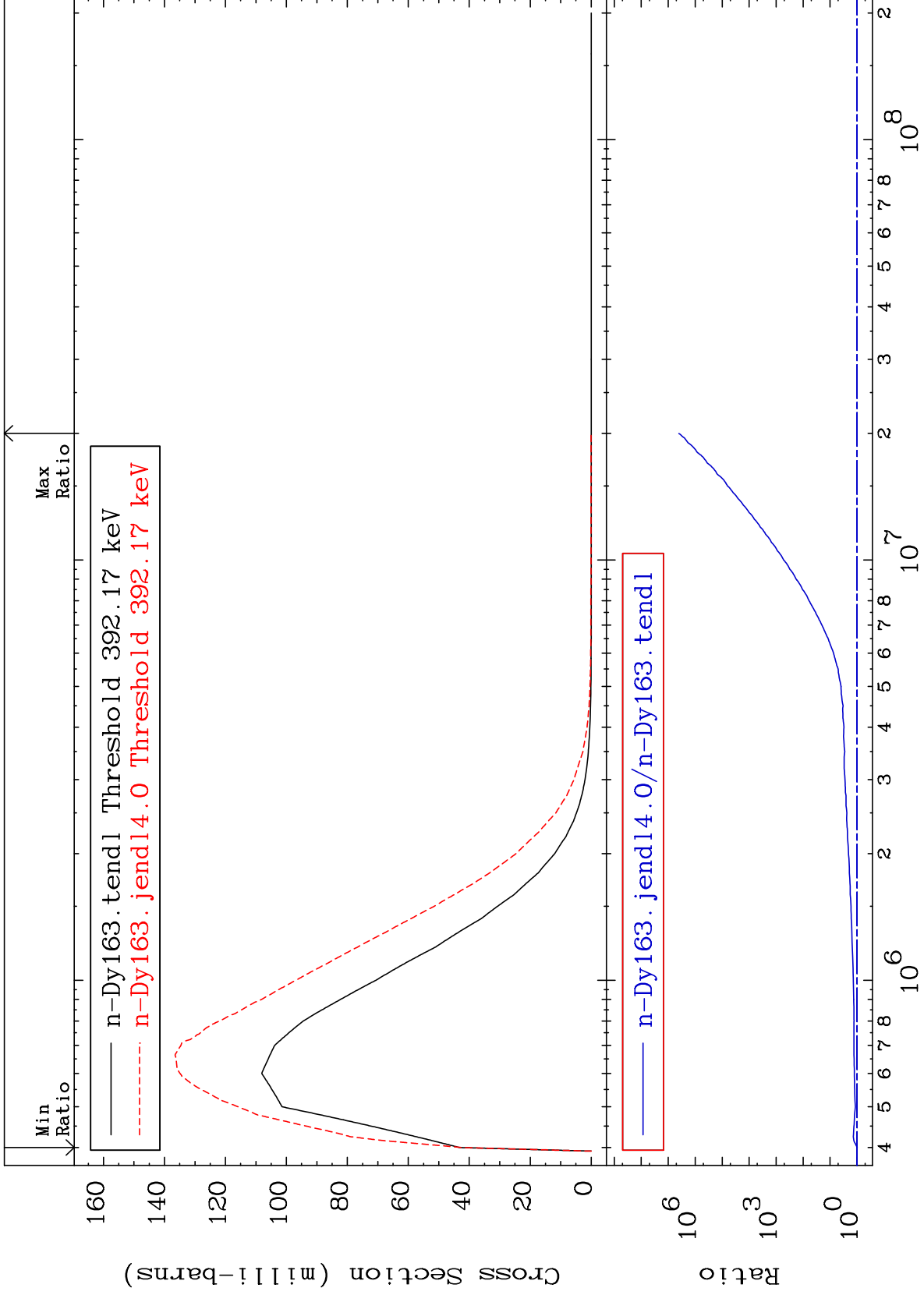
66-Dy-163  
9.065 To 9999. %



MAT 6646

MT= 58 (n,n') Level  
Cross Section

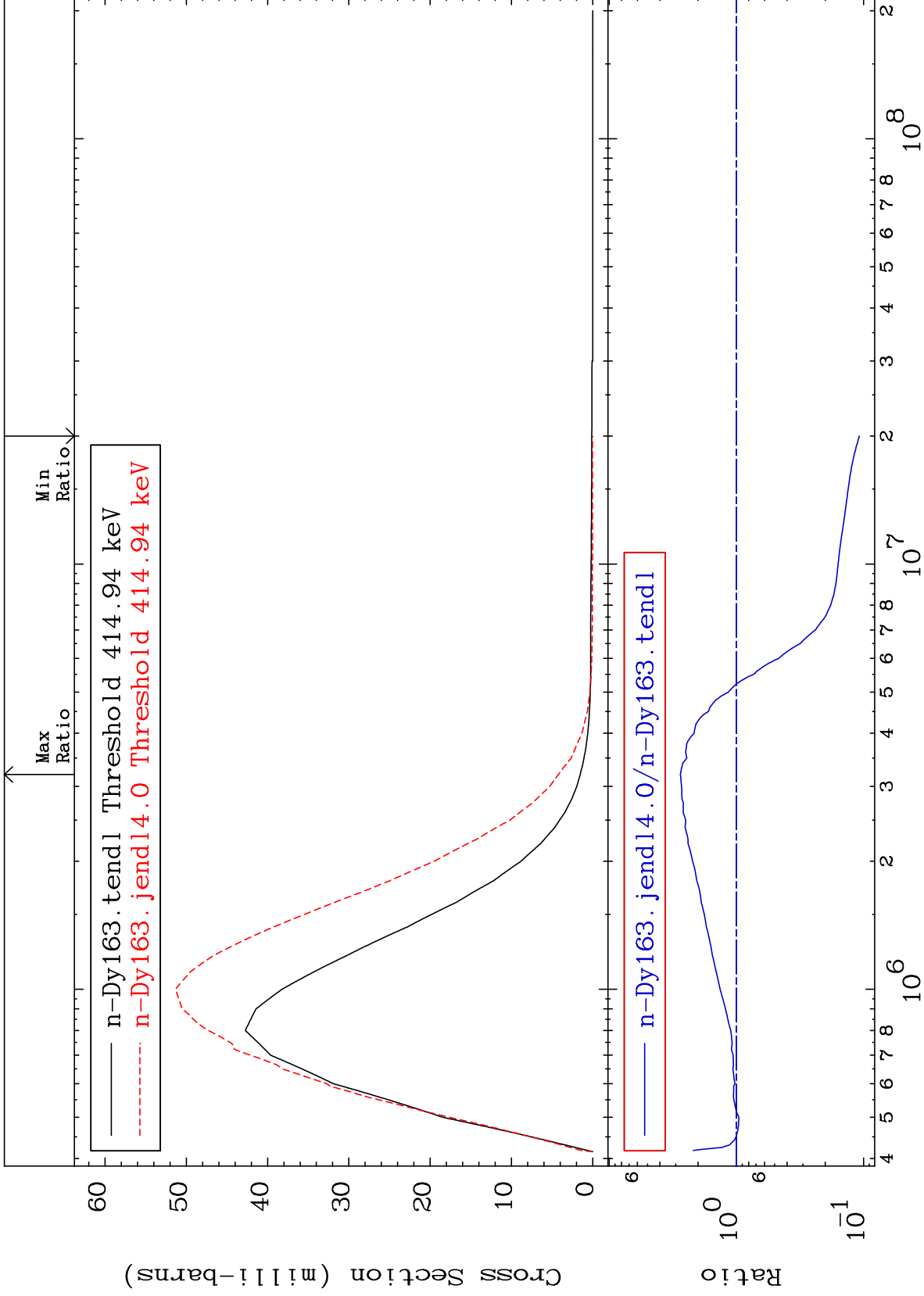
66-Dy-163  
-2.021 To 9999. %



MAT 6646

MT= 59 (n,n') Level  
Cross Section

66-Dy-163  
-89.23 To 175.9 %



20

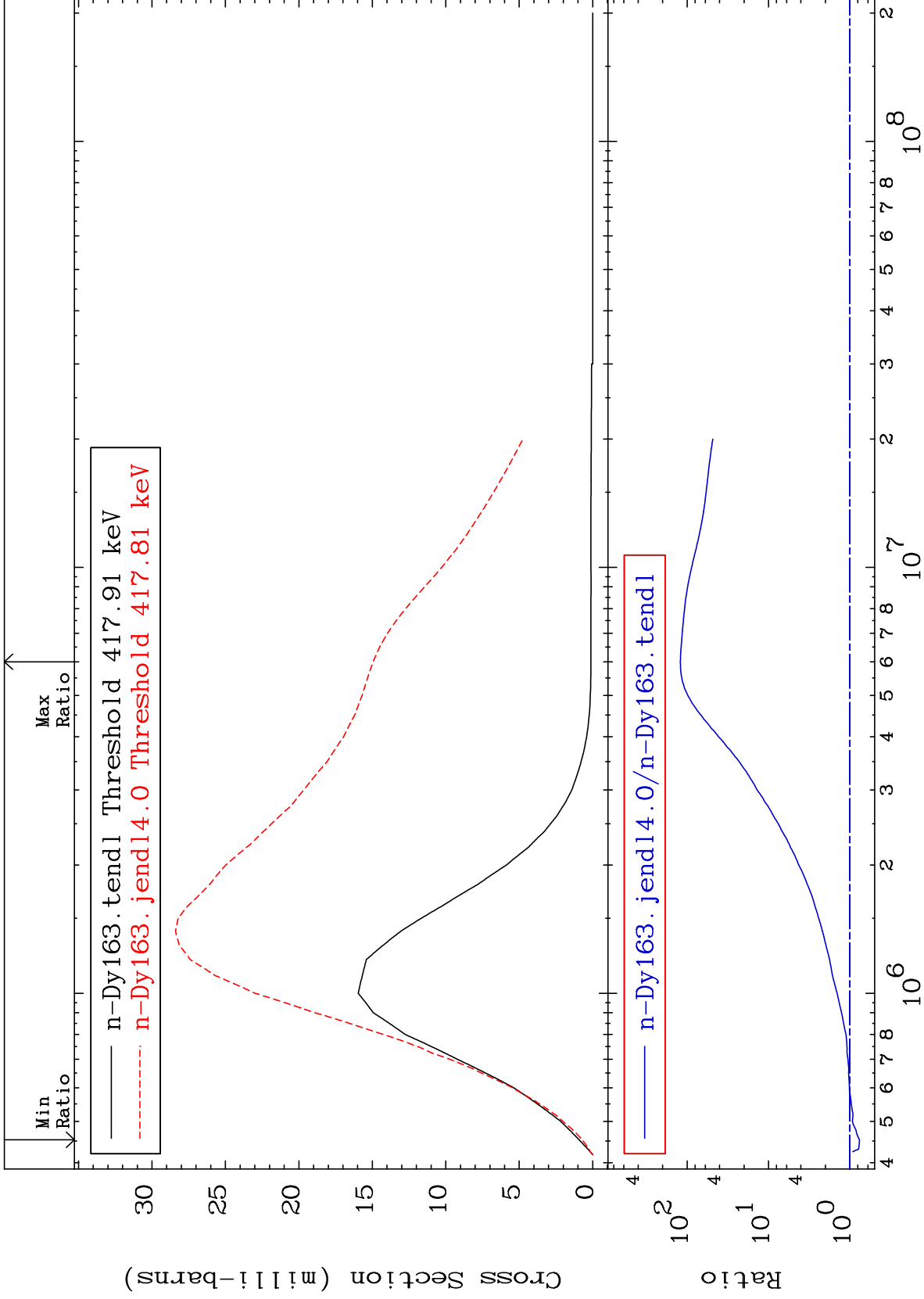
Incident Energy (eV)

66-Dy-163

MAT 6646

MT= 60 (n,n') Level  
Cross Section

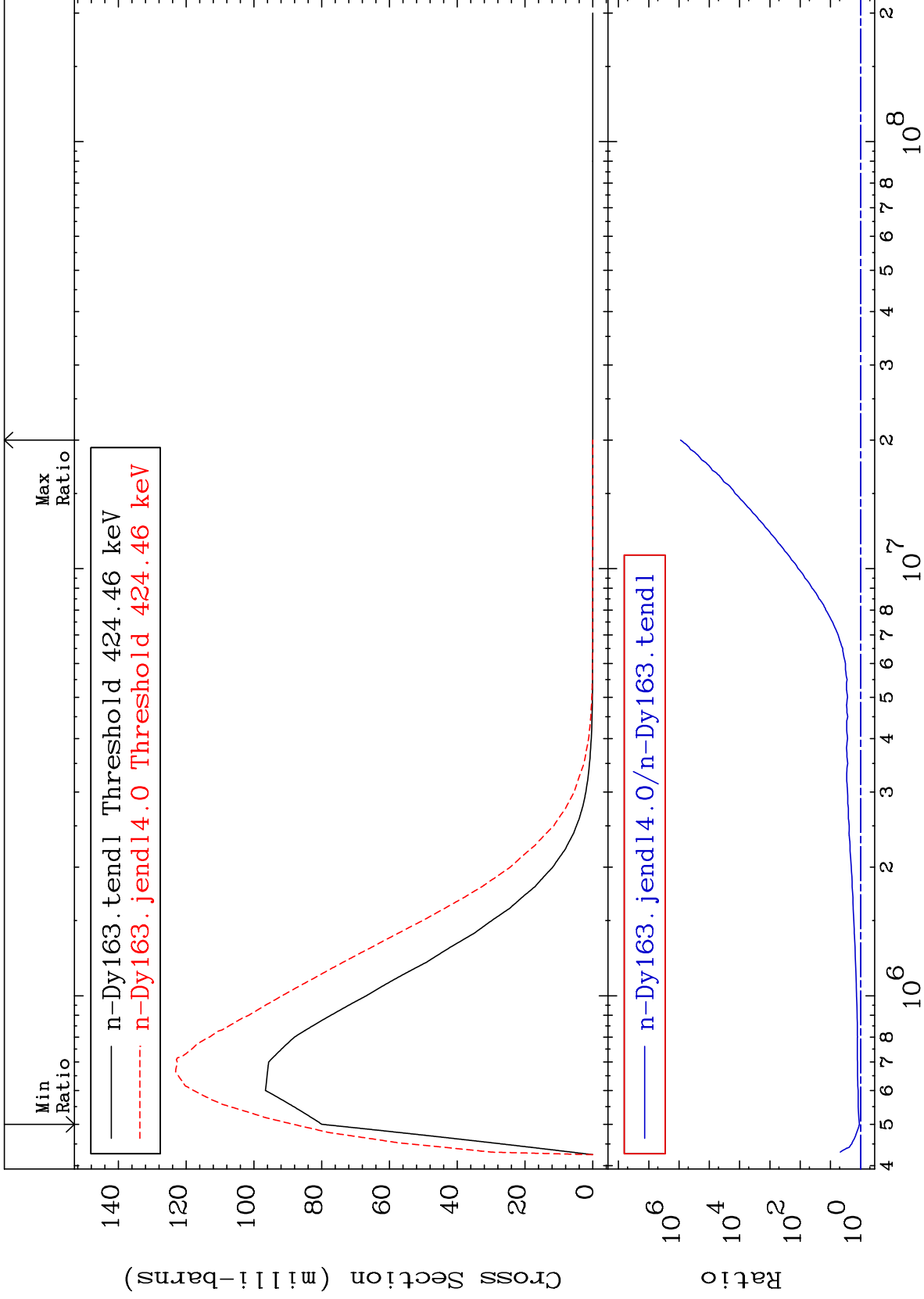
66-Dy-163  
-23.60 To 9999. %



MAT 6646

MT= 61 (n,n') Level  
Cross Section

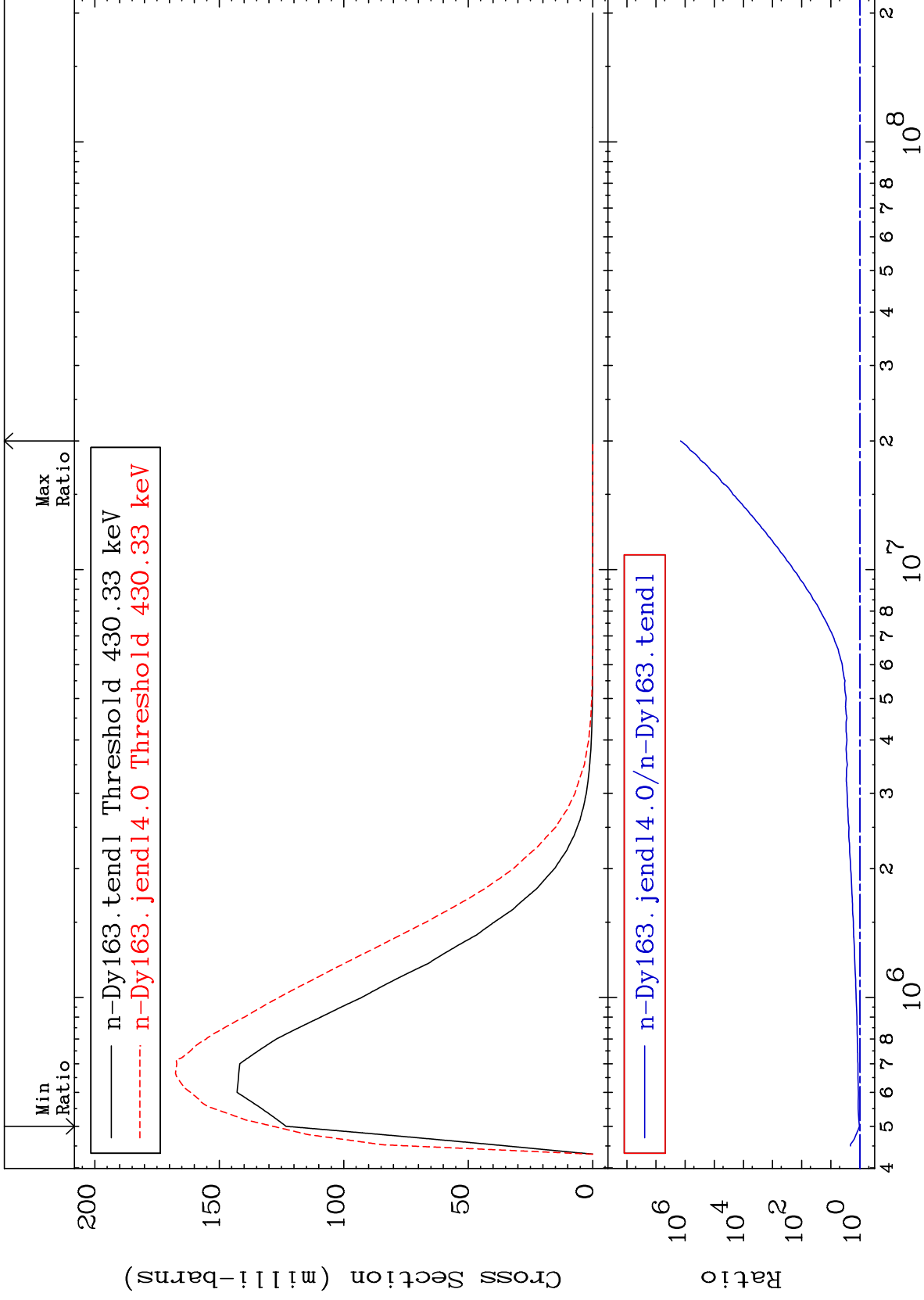
66-Dy-163  
10.60 To 9999. %



MAT 6646

MT= 62 (n,n') Level  
Cross Section

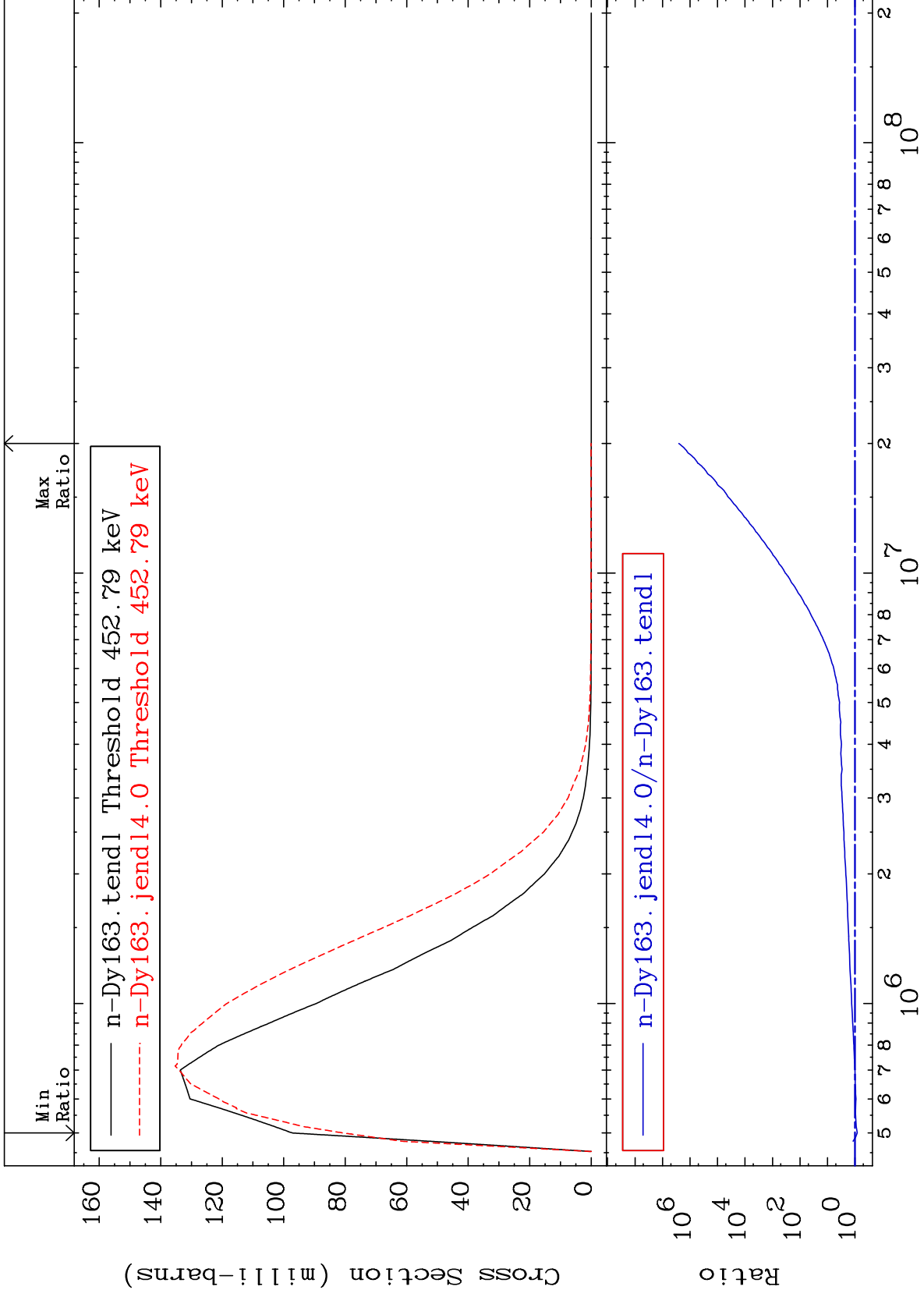
66-Dy-163  
4.266 To 9999. %



MAT 6646

MT= 63 (n,n') Level  
Cross Section

66-Dy-163  
-17.07 To 9999. %

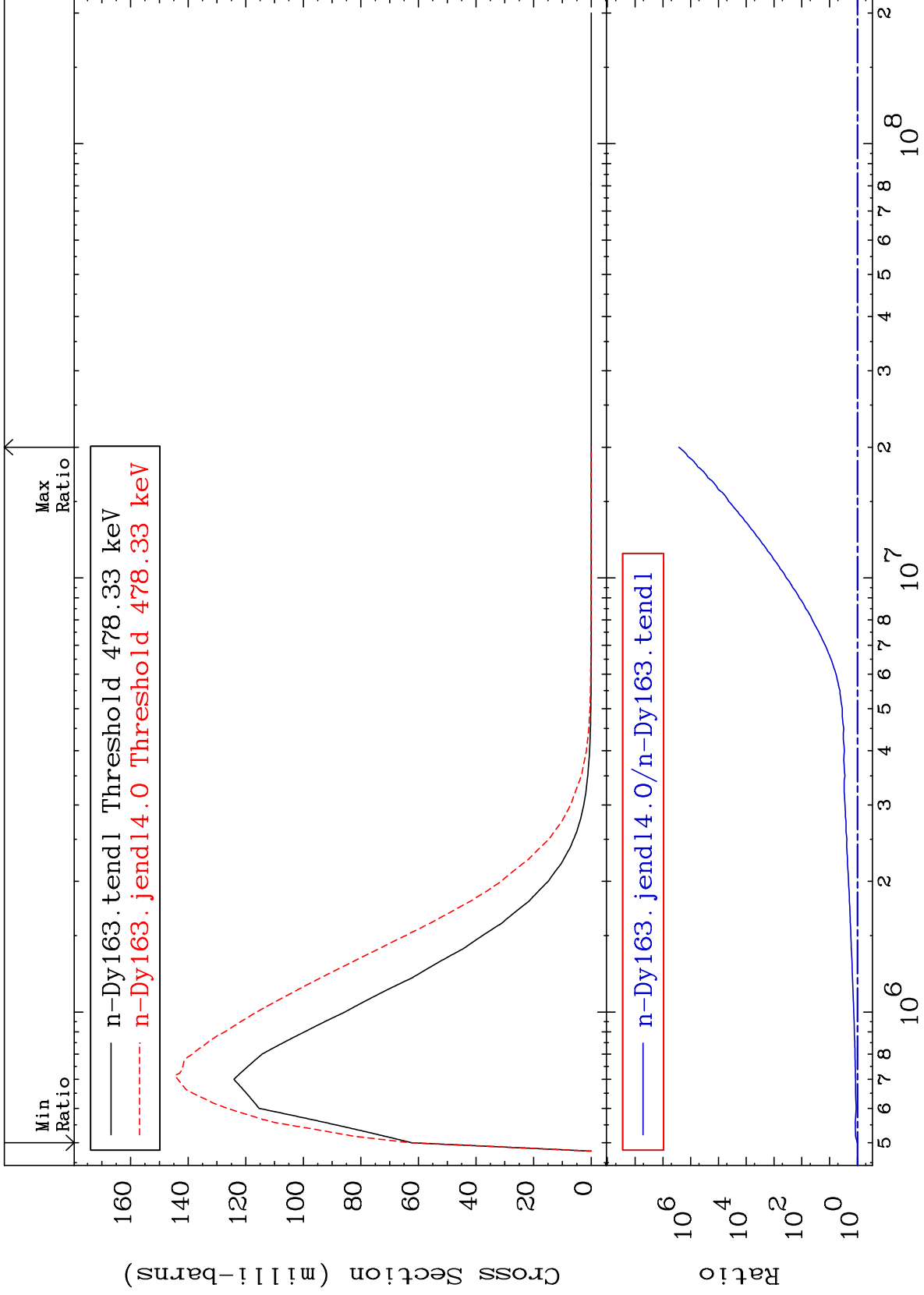




MAT 6646

MT= 64 (n,n') Level  
Cross Section

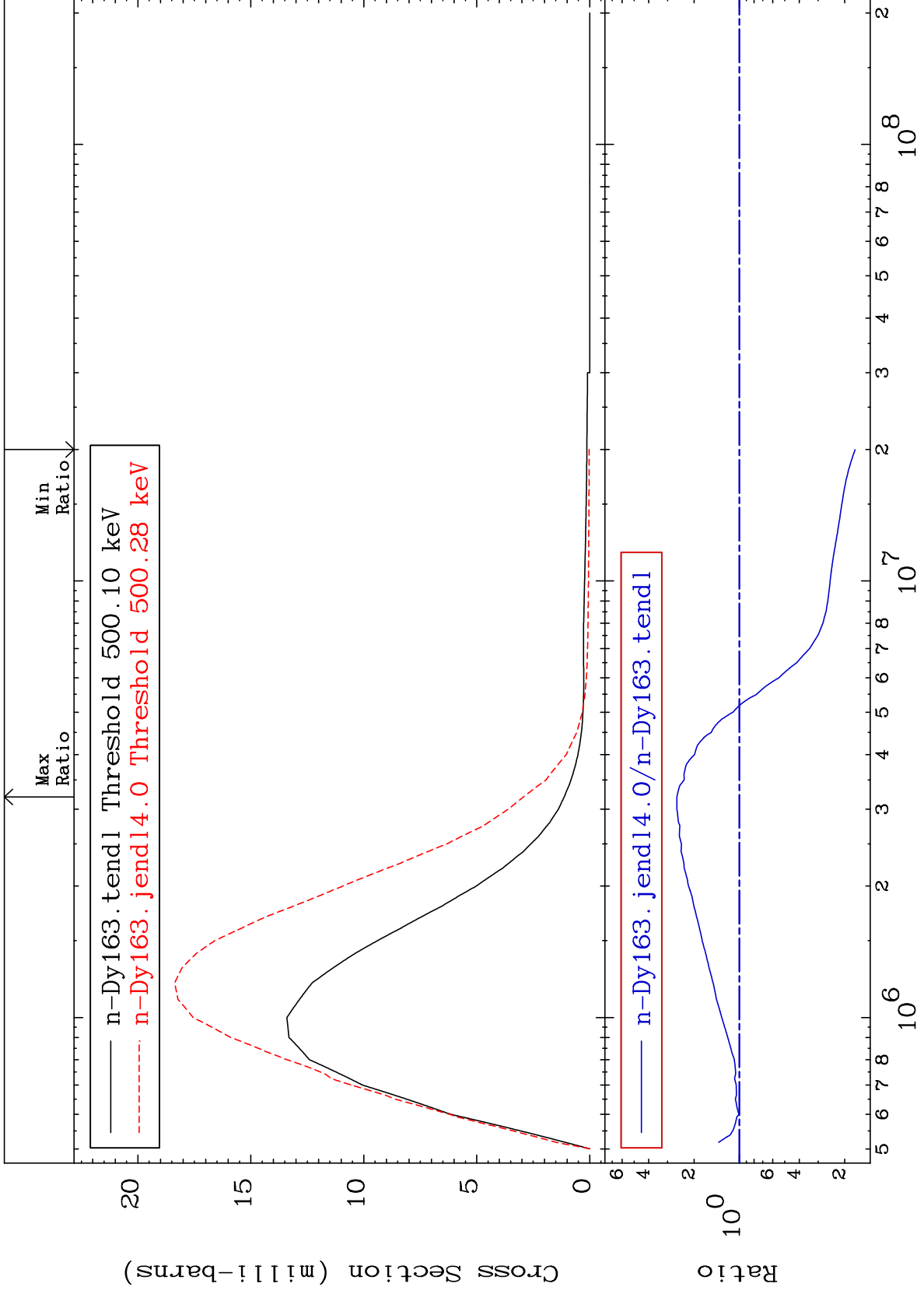
66-Dy-163  
0.903 To 9999. %



MAT 6646

MT= 65 (n,n') Level  
Cross Section

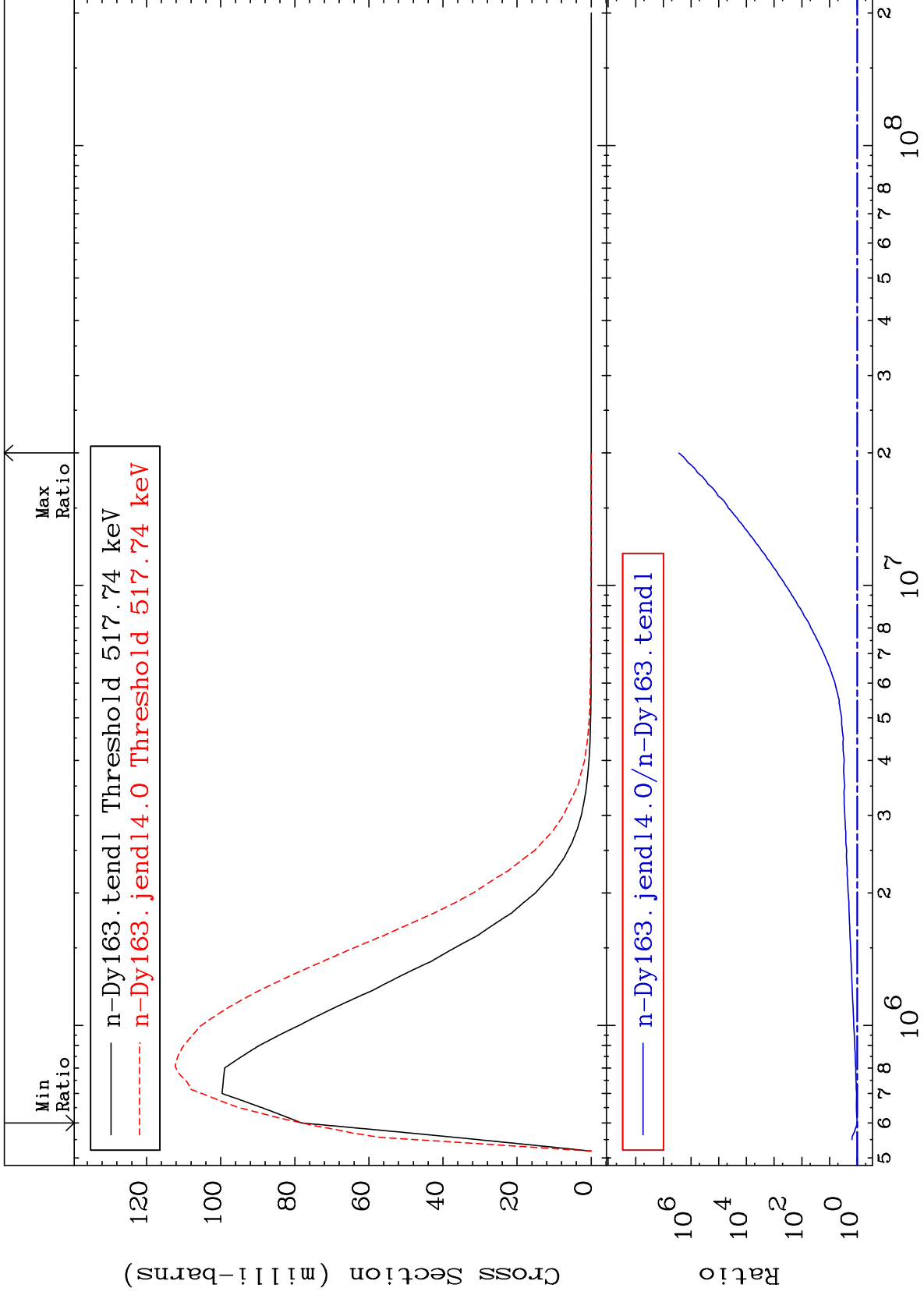
66-Dy-163  
-82.94 To 159.9 %



MAT 6646

MT= 66 (n,n') Level  
Cross Section

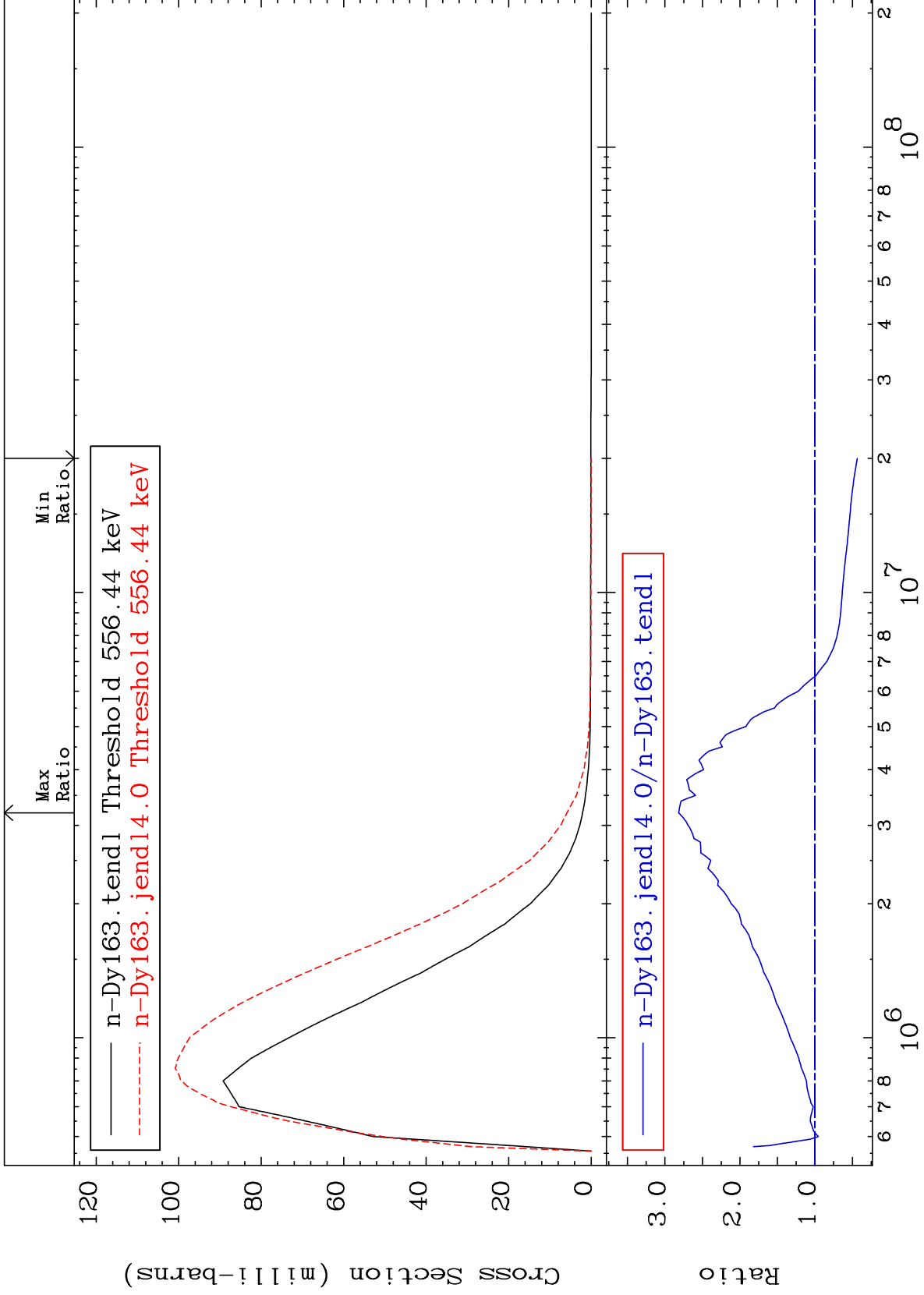
66-Dy-163  
-0.206 To 9999. %



MAT 6646

MT= 67 (n,n') Level  
Cross Section

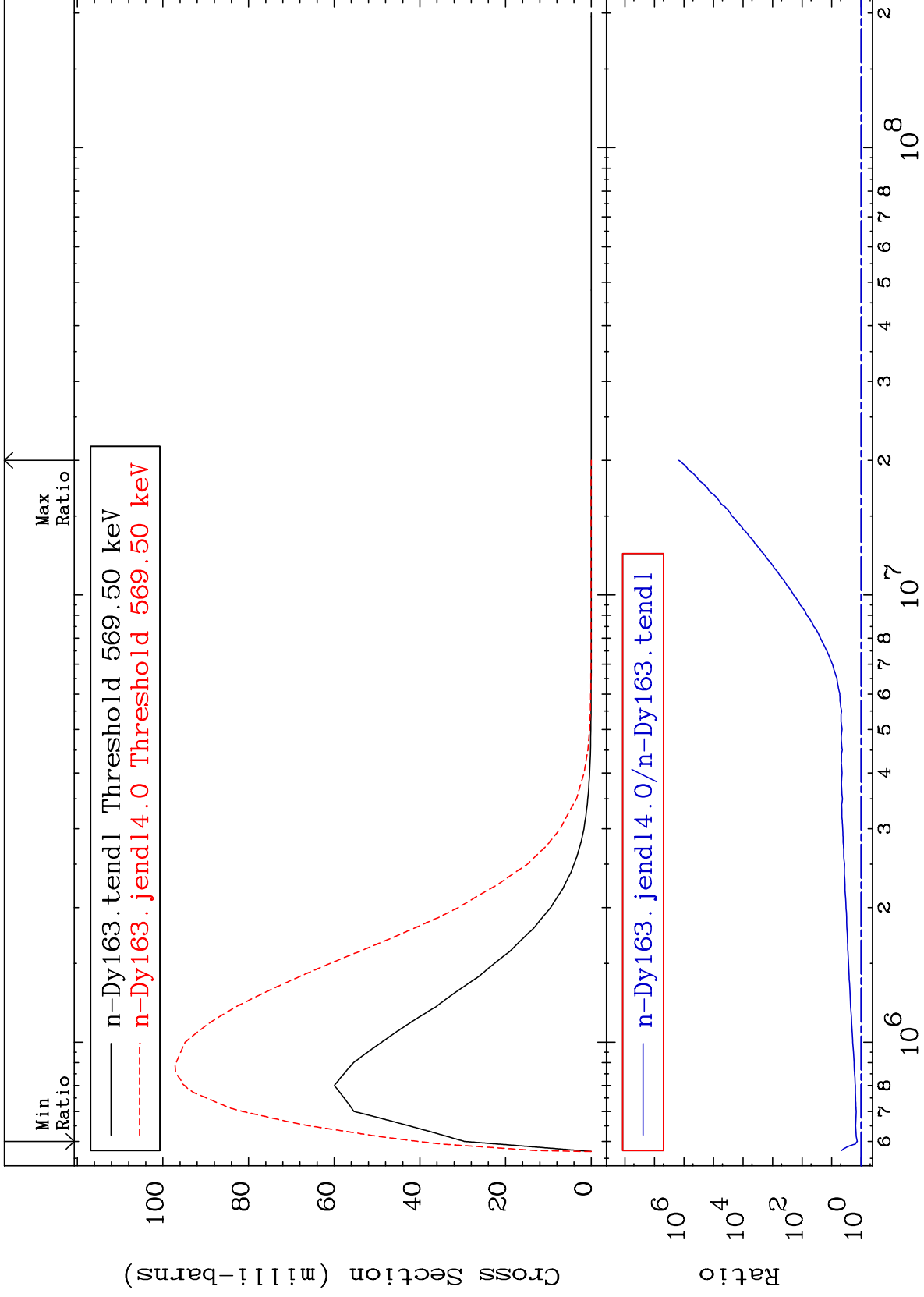
66-Dy-163  
-56.50 To 181.7 %



MAT 6646

MT= 68 (n,n') Level  
Cross Section

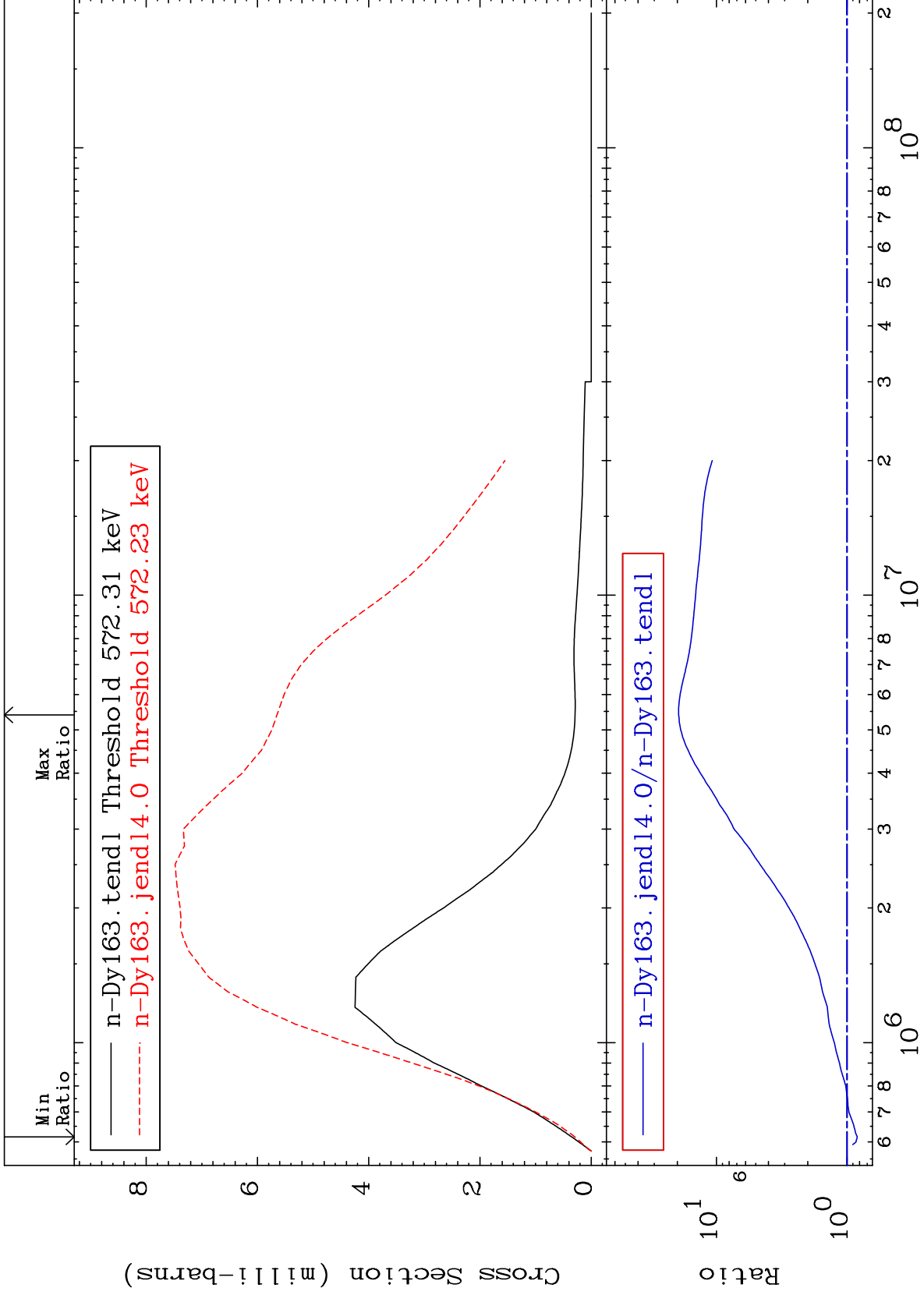
66-Dy-163  
36.48 To 9999. %



MAT 6646

MT= 69 (n,n') Level  
Cross Section

66-Dy-163  
-16.56 To 1852. %



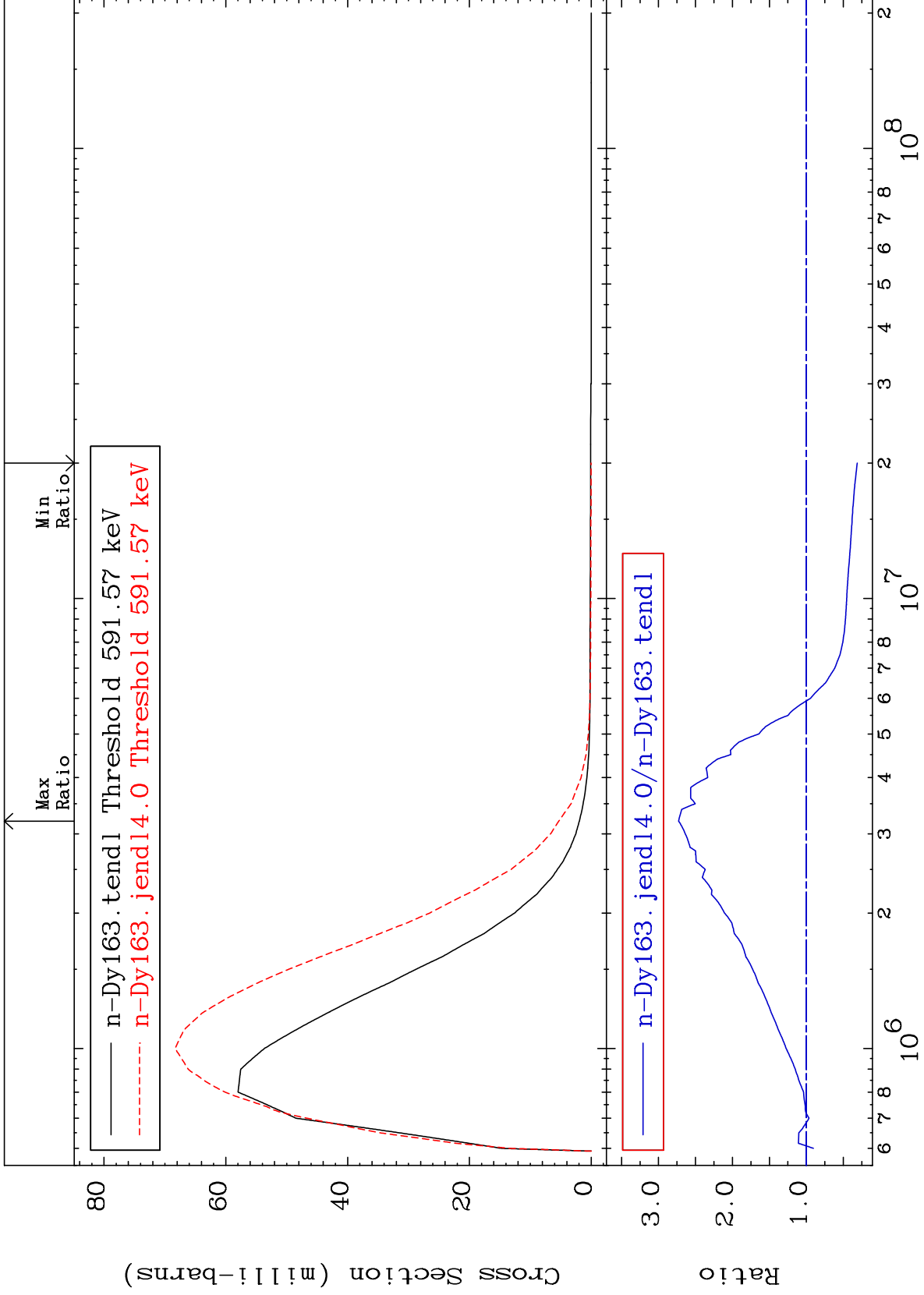
30

66-Dy-163

MAT 6646

MT= 70 (n,n') Level  
Cross Section

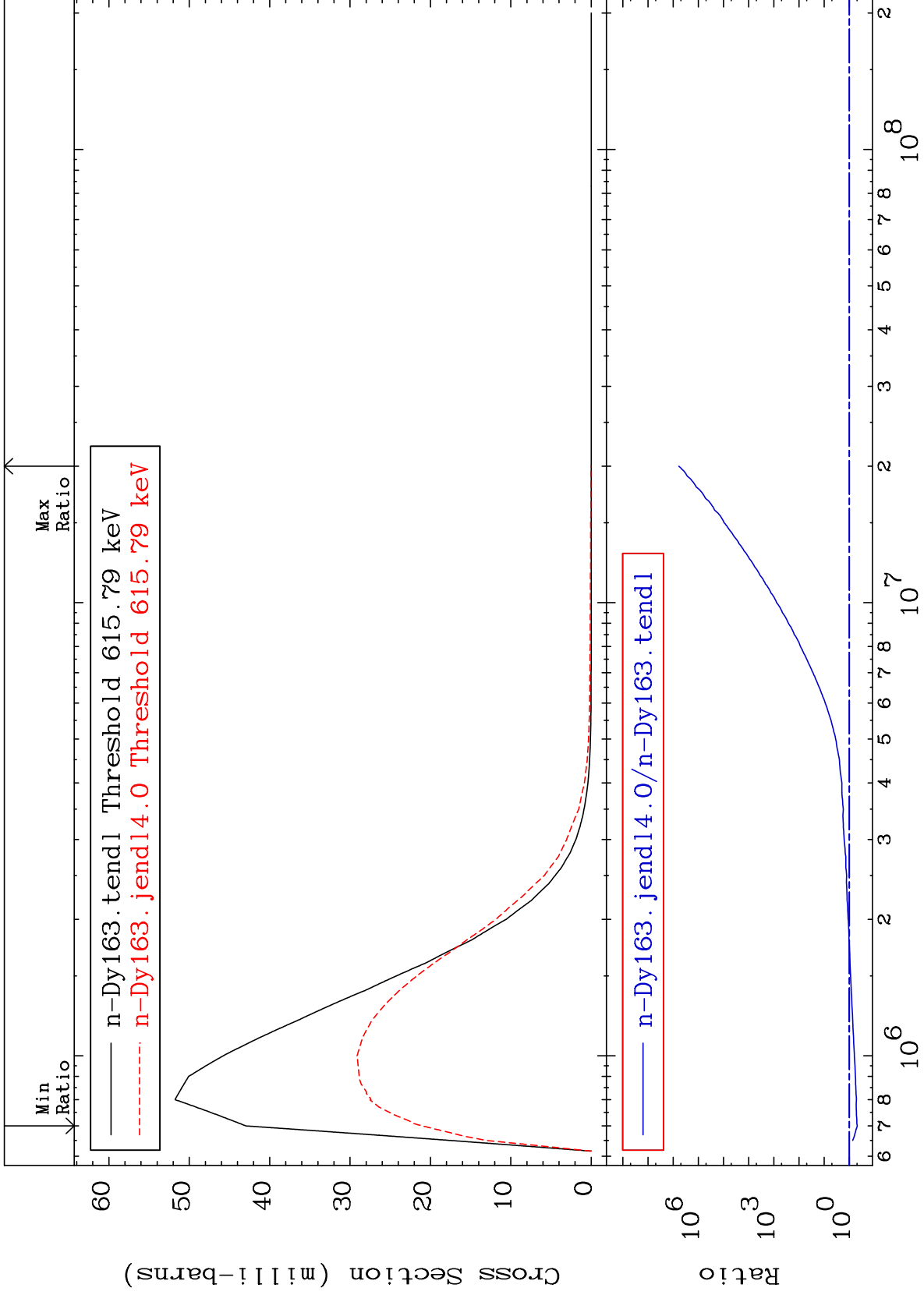
66-Dy-163  
-68.83 To 172.8 %



MAT 6646

MT= 71 (n,n') Level  
Cross Section

66-Dy-163  
-51.09 To 9999. %

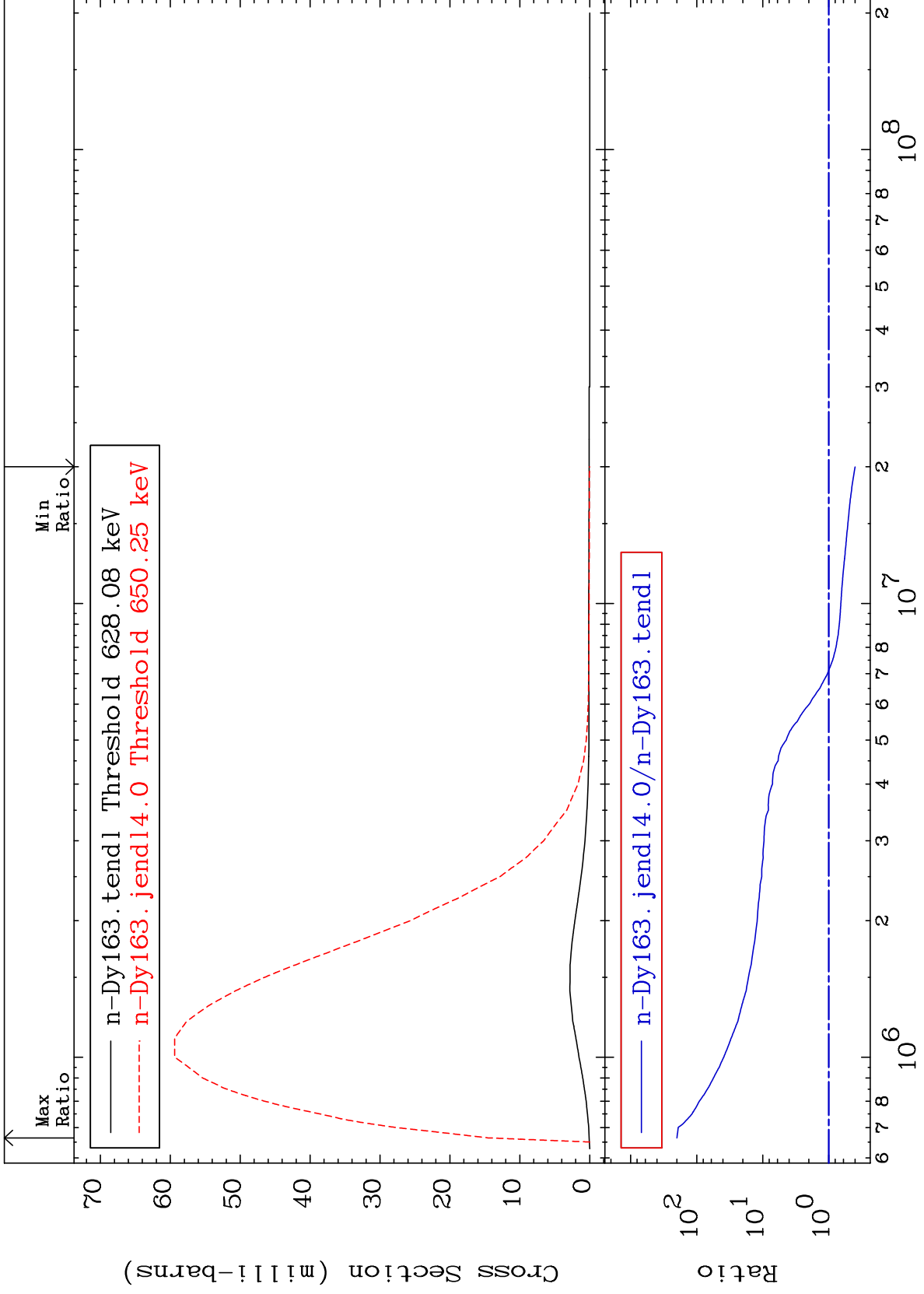




MAT 6646

MT= 72 (n,n') Level  
Cross Section

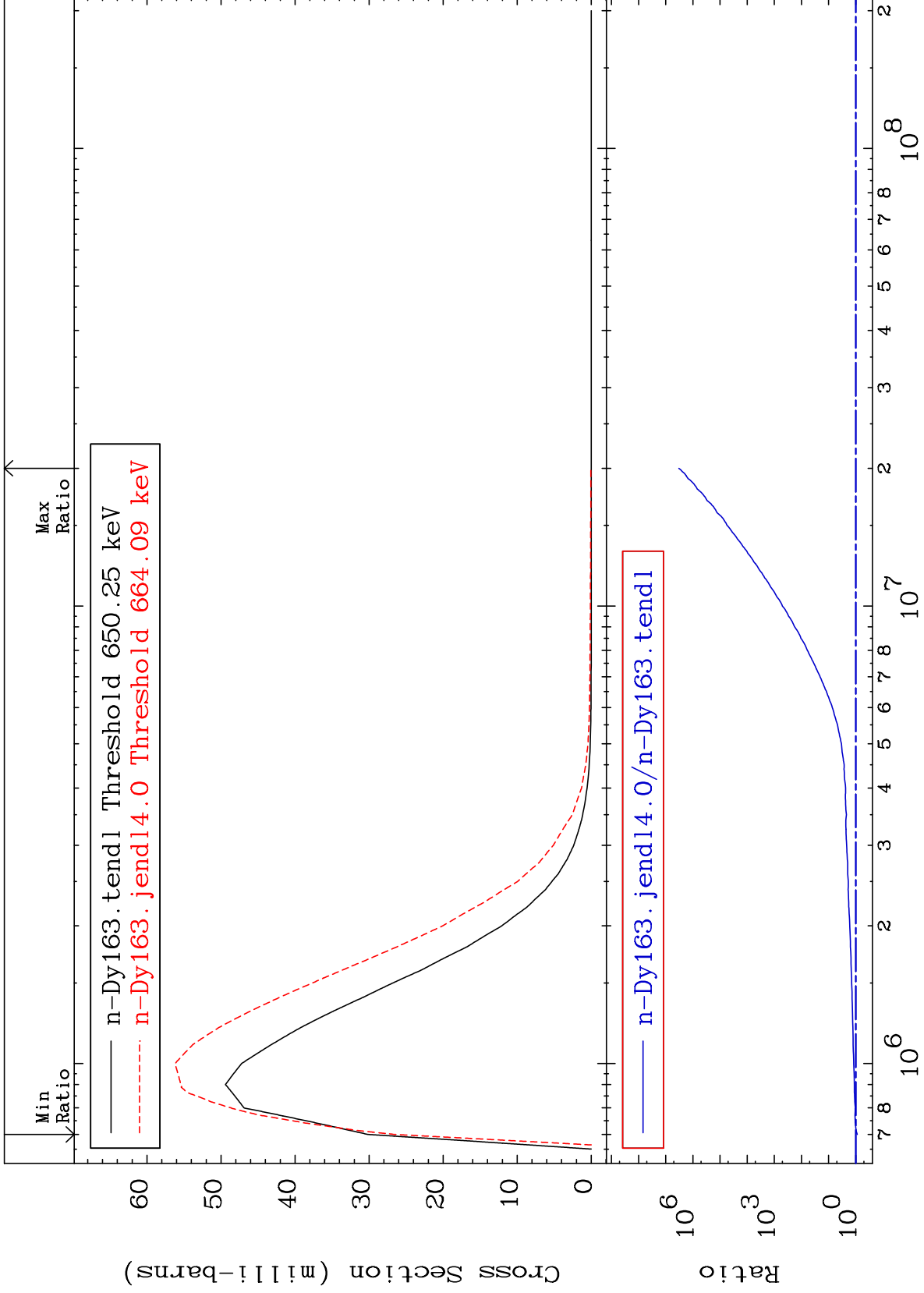
66-Dy-163  
-60.01 To 9999. %



MAT 6646

MT= 73 (n,n') Level  
Cross Section

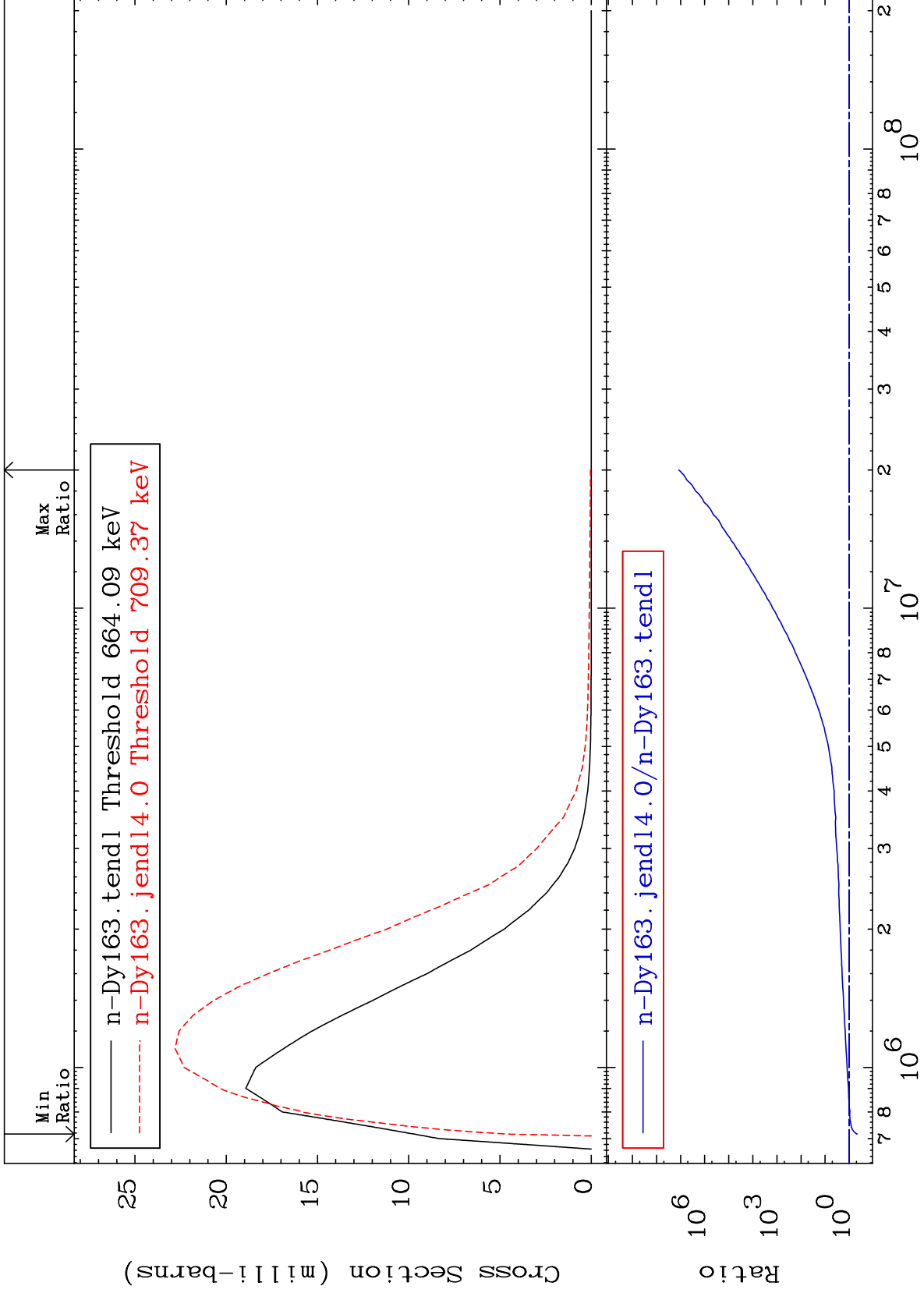
66-Dy-163  
-12.04 To 9999. %



MAT 6646

MT= 74 (n,n') Level  
Cross Section

66-Dy-163  
-53.84 To 9999. %



35

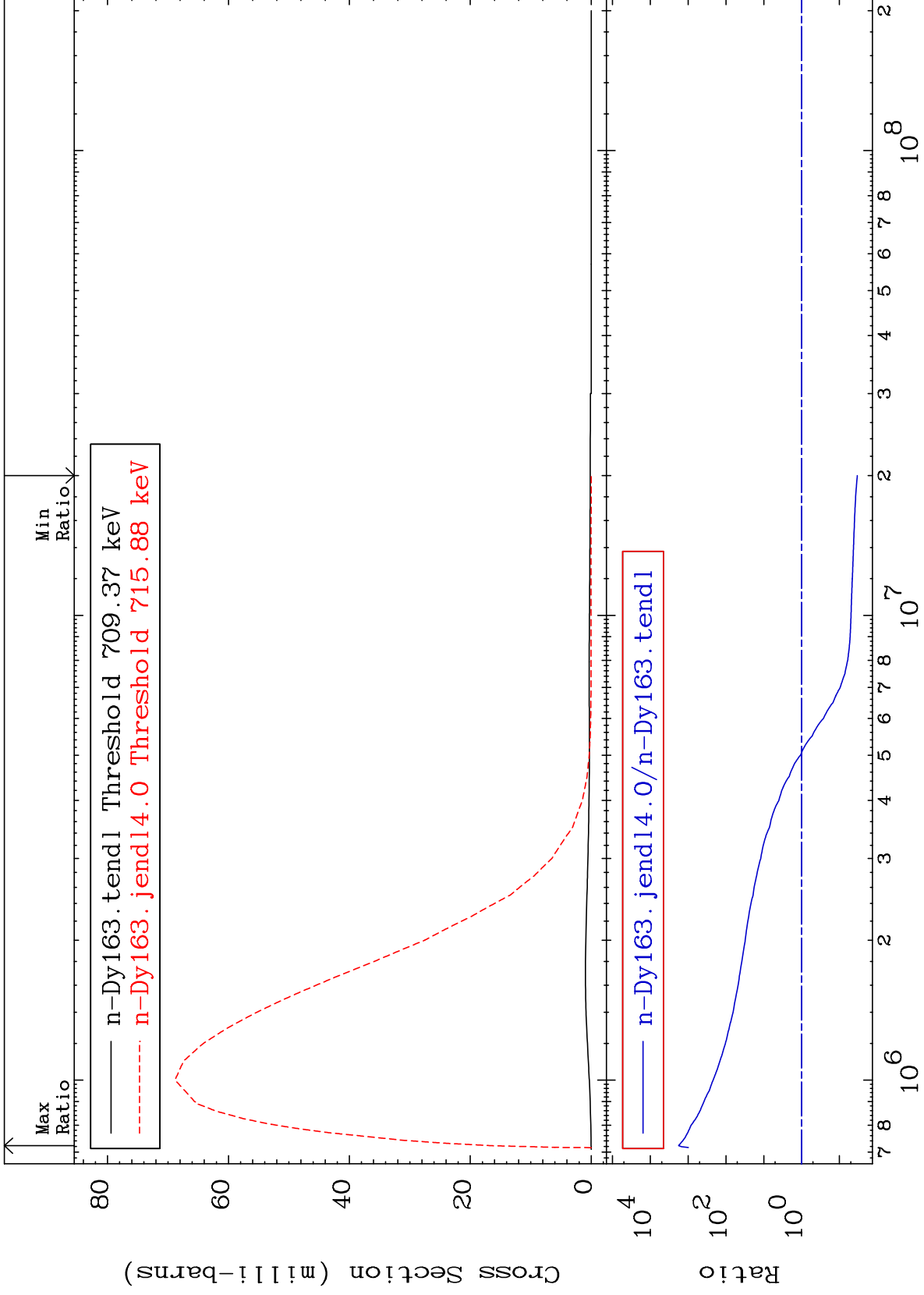
Incident Energy (eV)

66-Dy-163

MAT 6646

MT= 75 (n,n') Level  
Cross Section

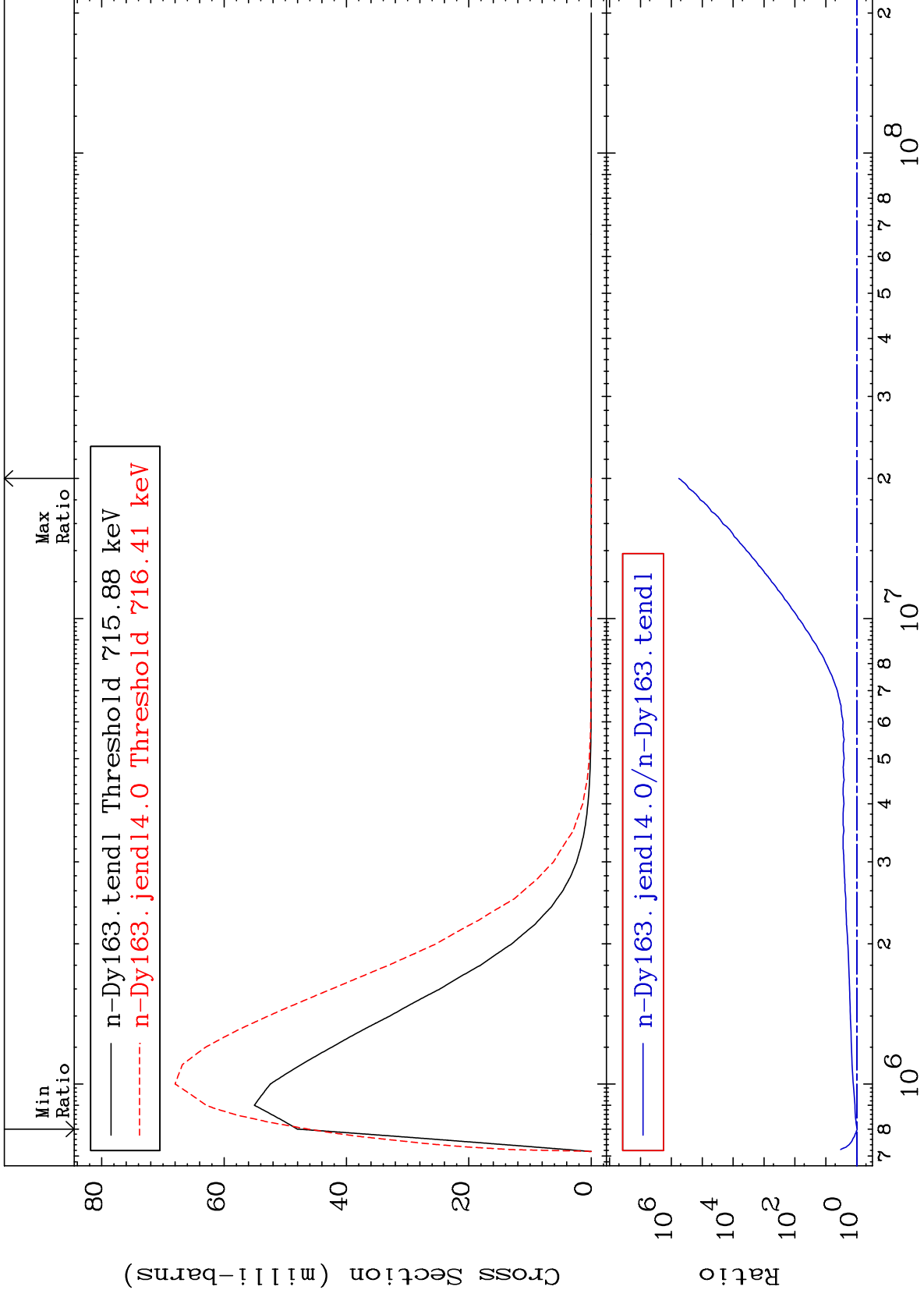
66-Dy-163  
-96.62 To 9999. %



MAT 6646

MT= 76 (n,n') Level  
Cross Section

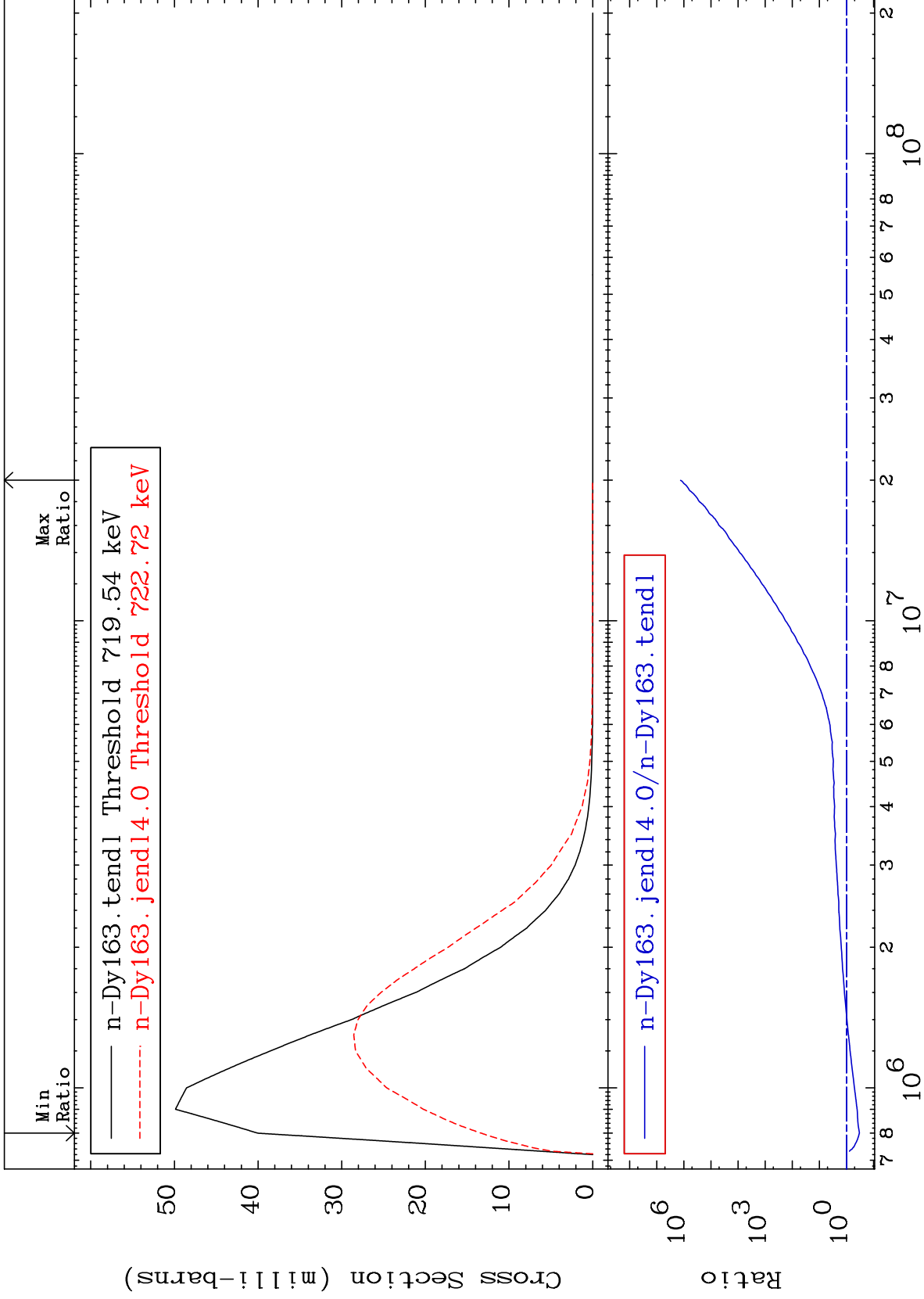
66-Dy-163  
-3.765 To 9999. %



MAT 6646

MT= 77 (n,n') Level  
Cross Section

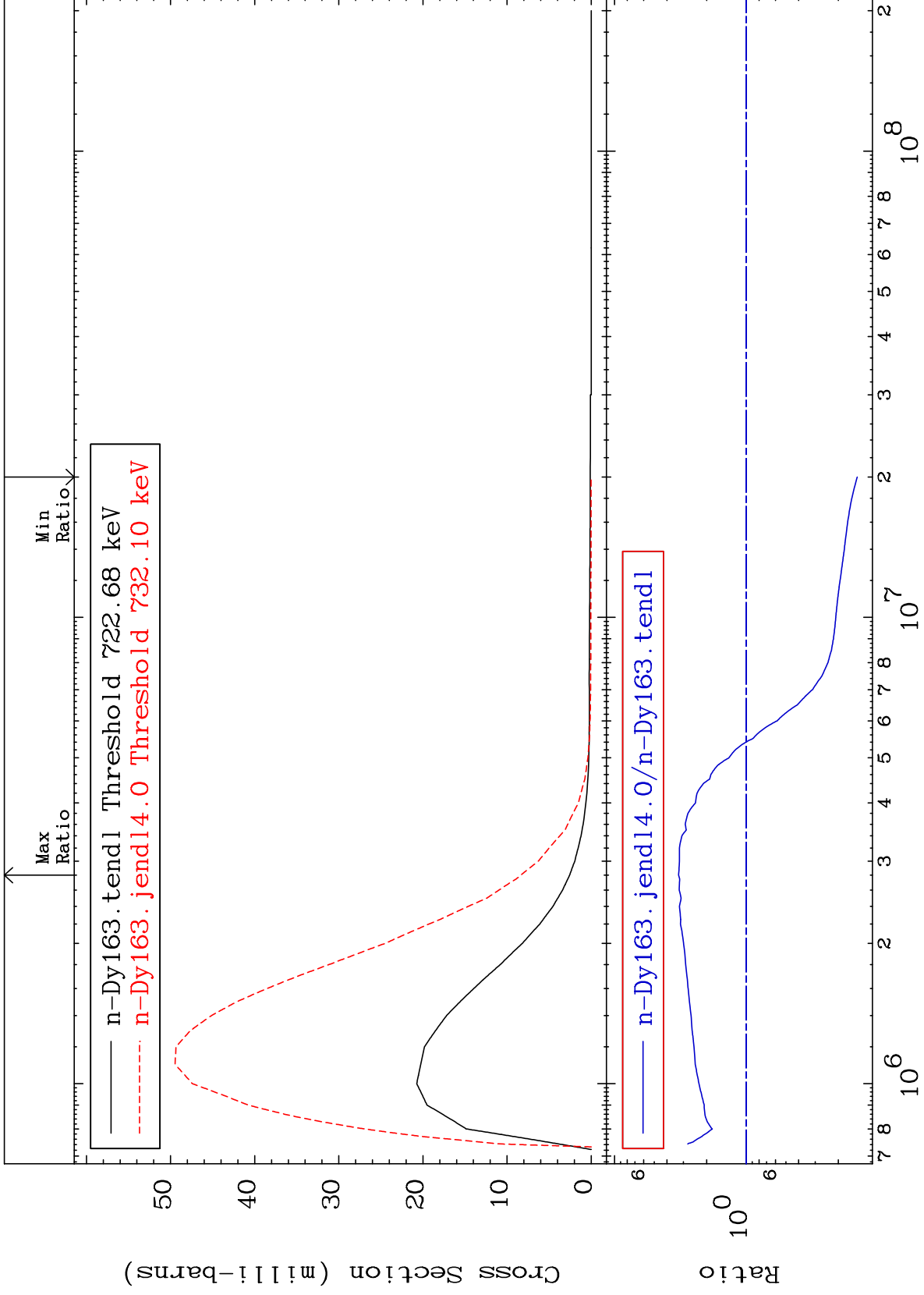
66-Dy-163  
-66.68 To 9999. %



MAT 6646

MT= 78 (n,n') Level  
Cross Section

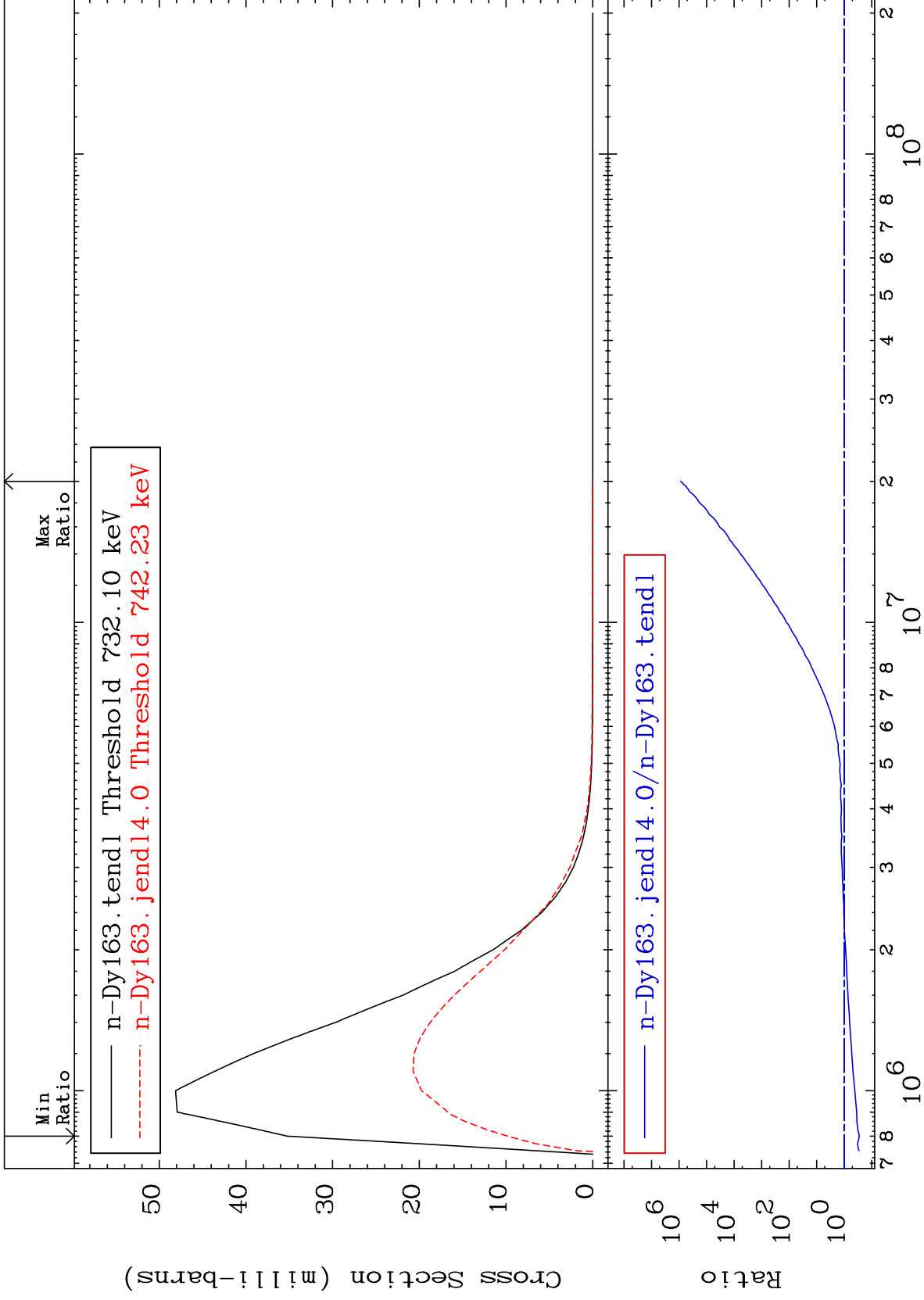
66-Dy-163  
-85.62 To 226.0 %



MAT 6646

MT= 79 (n,n') Level  
Cross Section

66-Dy-163  
-72.20 To 9999. %



40

Incident Energy (eV)

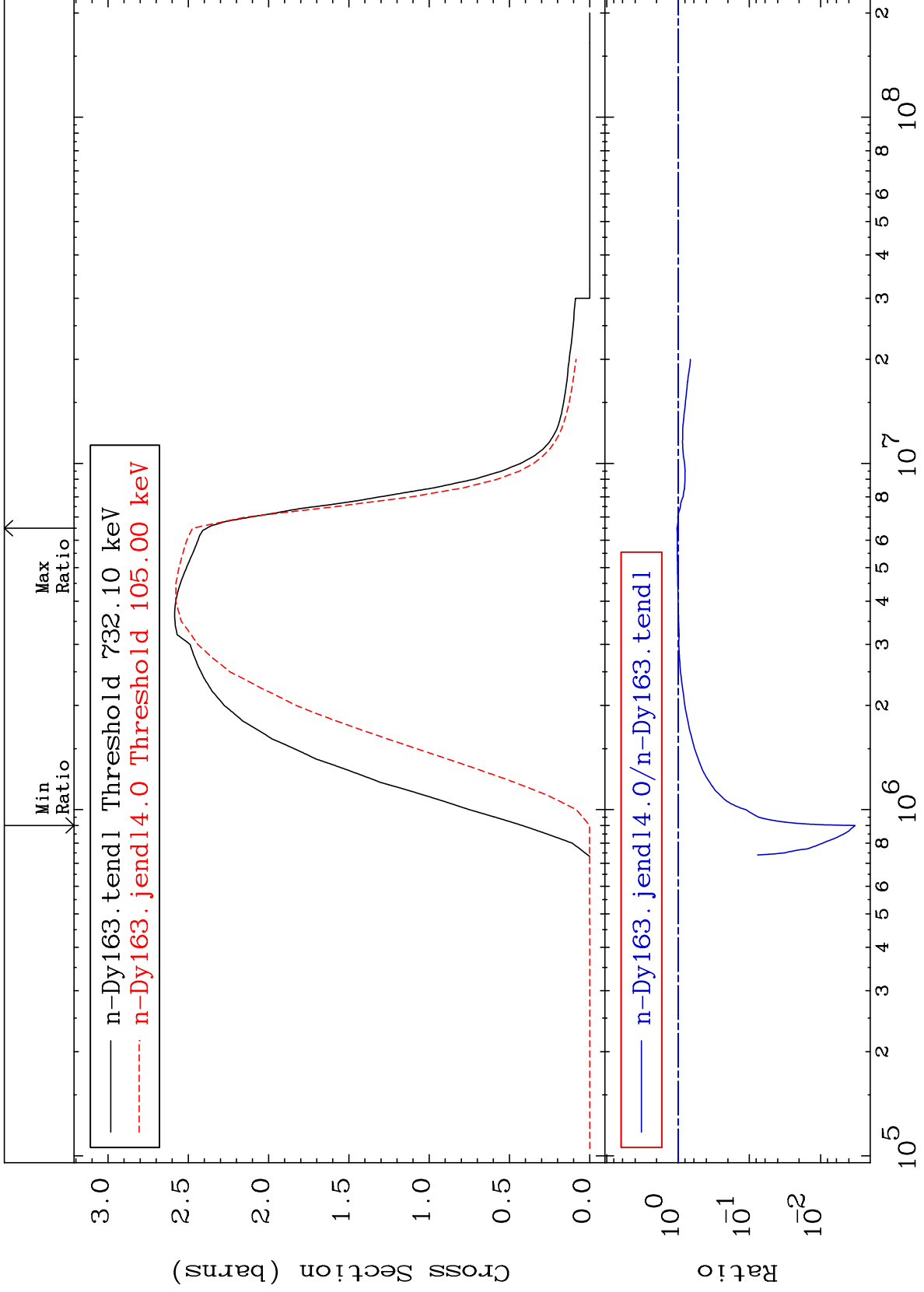
66-Dy-163



MAT 6646

(n, n') Continuum  
Cross Section

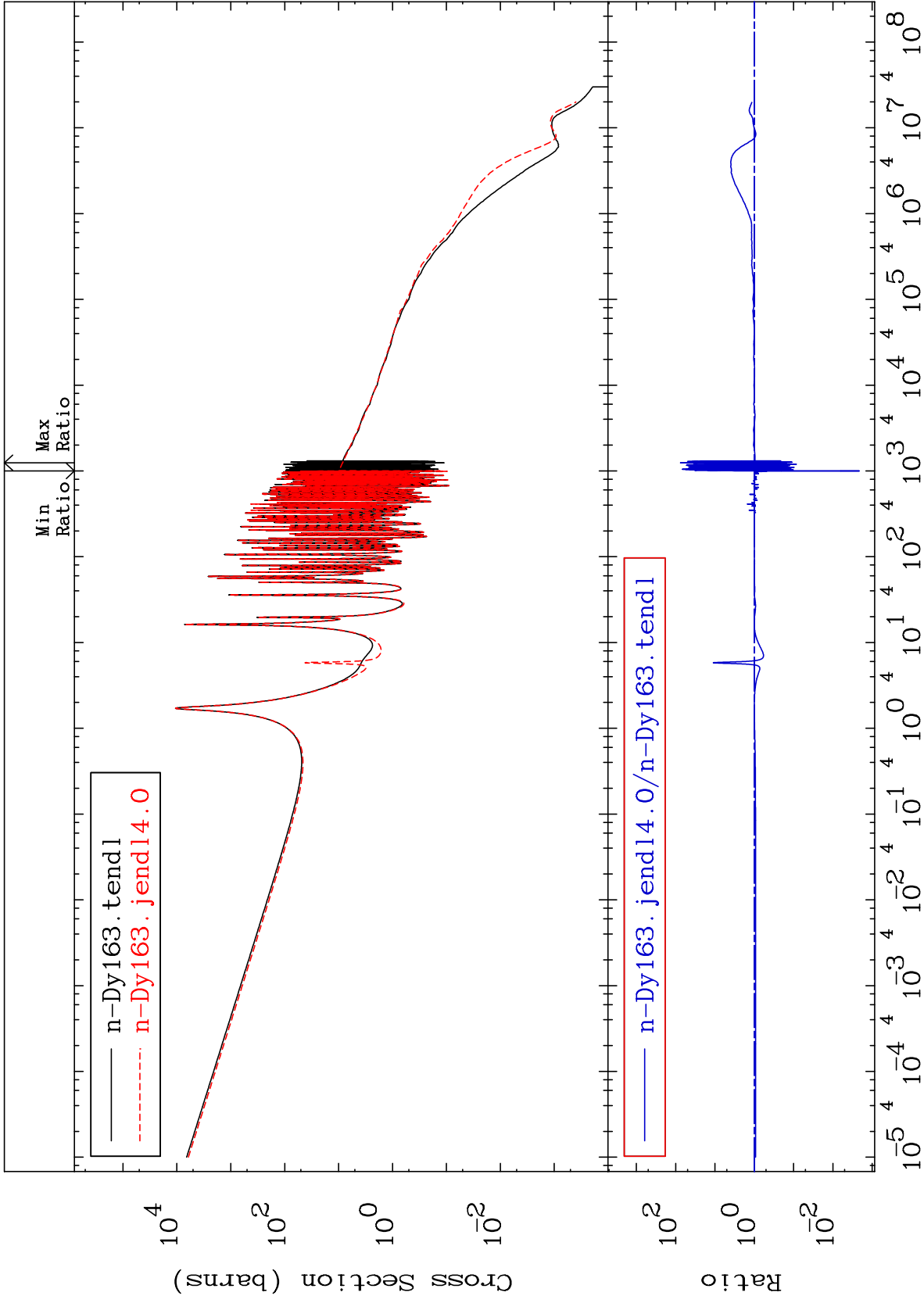
66-Dy-163  
-99.67 To 3.753 %



MAT 6646

(n,  $\gamma$ )  
Cross Section

66-Dy-163  
-99.79 To 7511. %



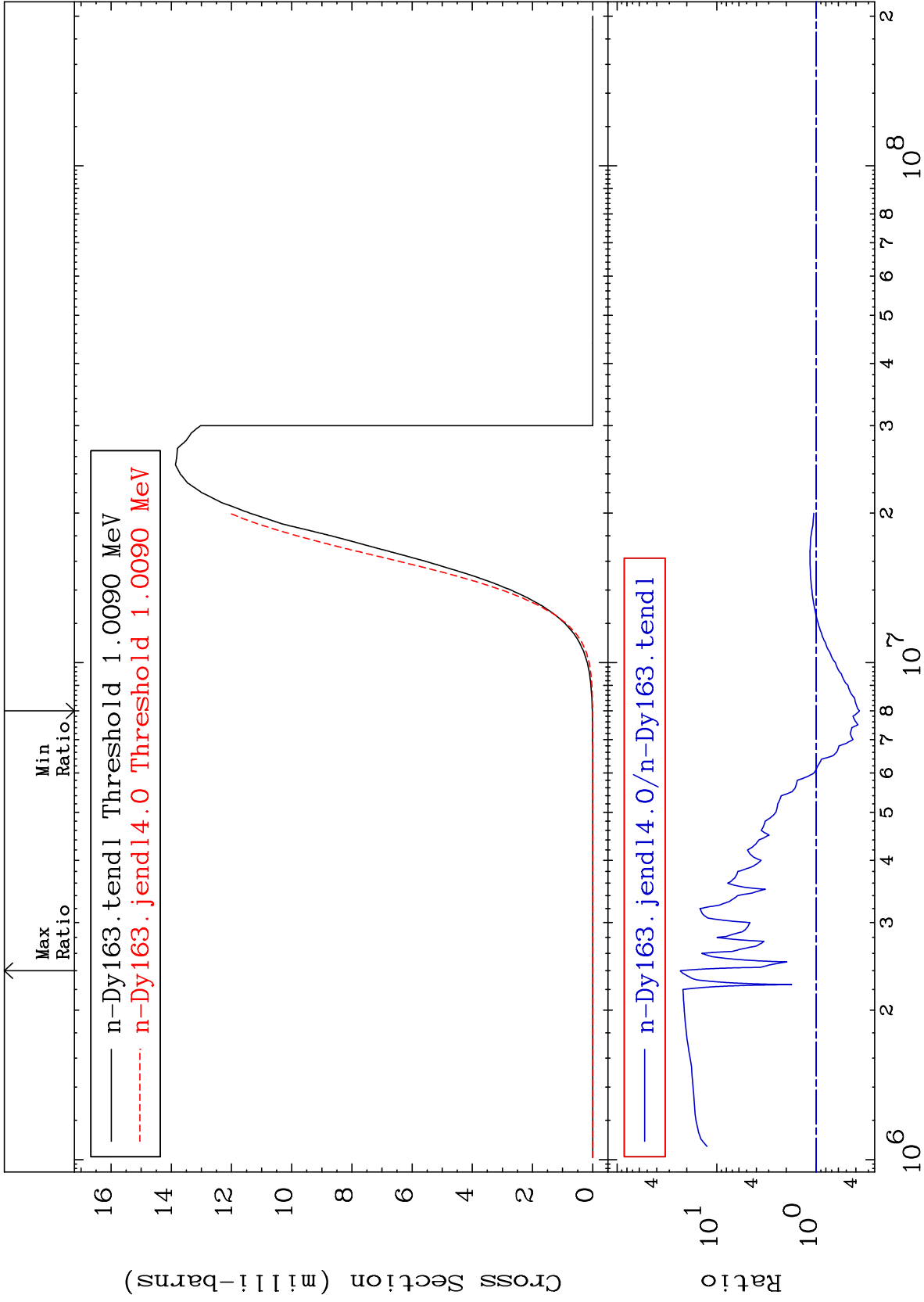
MAT 6646

(n,p)

66-Dy-163

Cross Section

-63.13 To 2221. %



43

Incident Energy (eV)

66-Dy-163

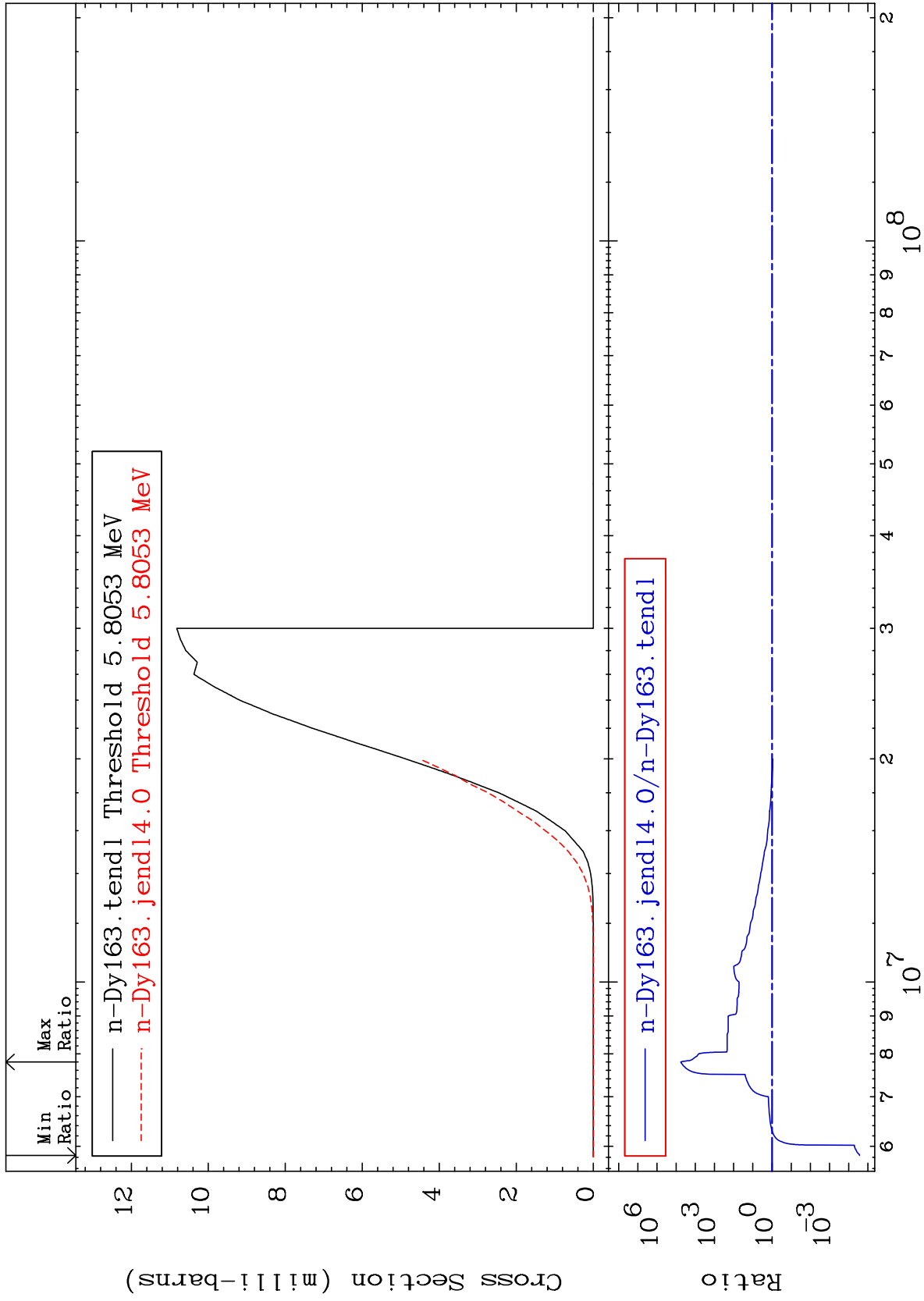
MAT 6646

(n, d)

66-Dy-163

Cross Section

-100.0 To 9999. %



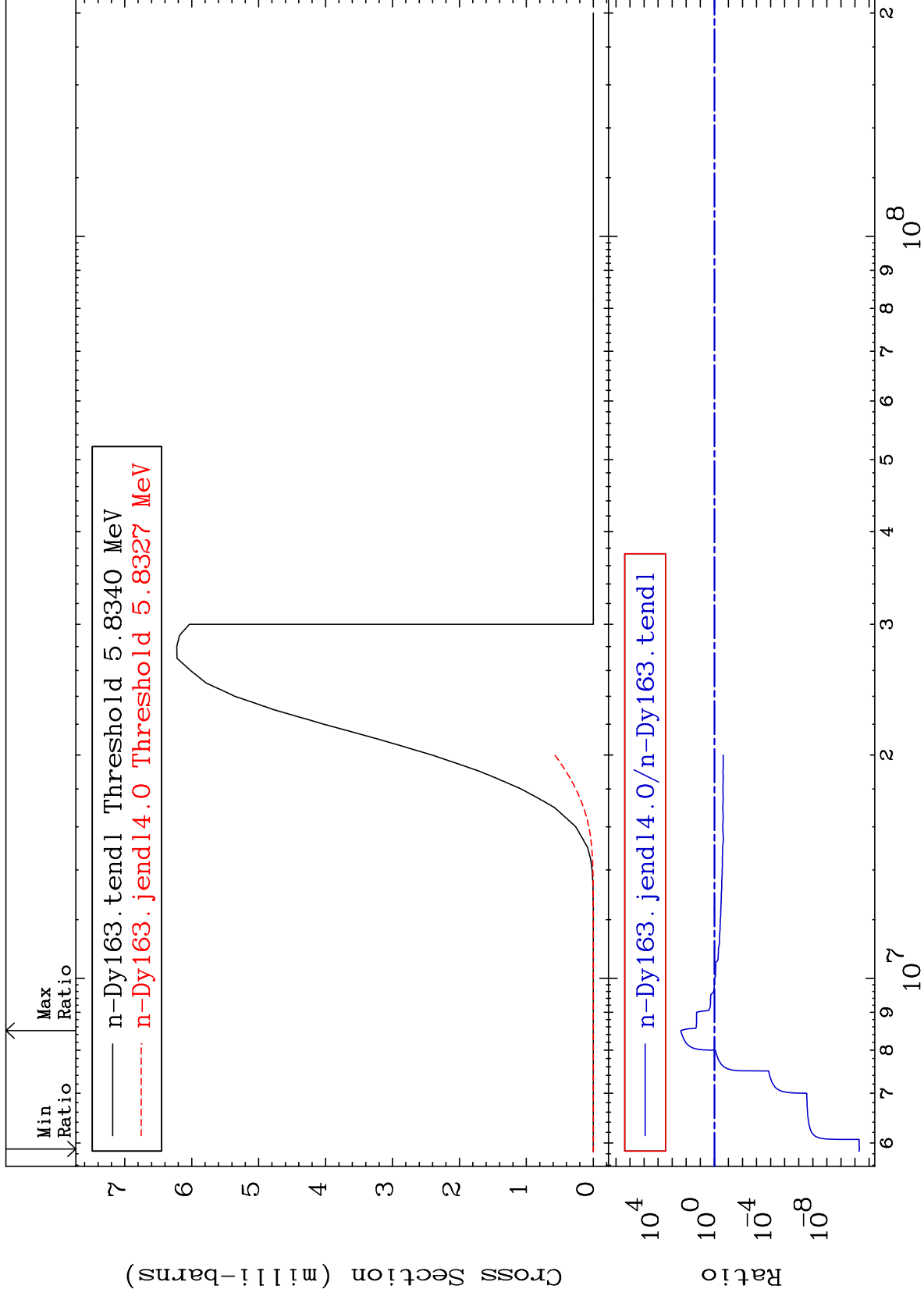
MAT 6646

(n, t)

66-Dy-163

Cross Section

-100.0 To 9999. %



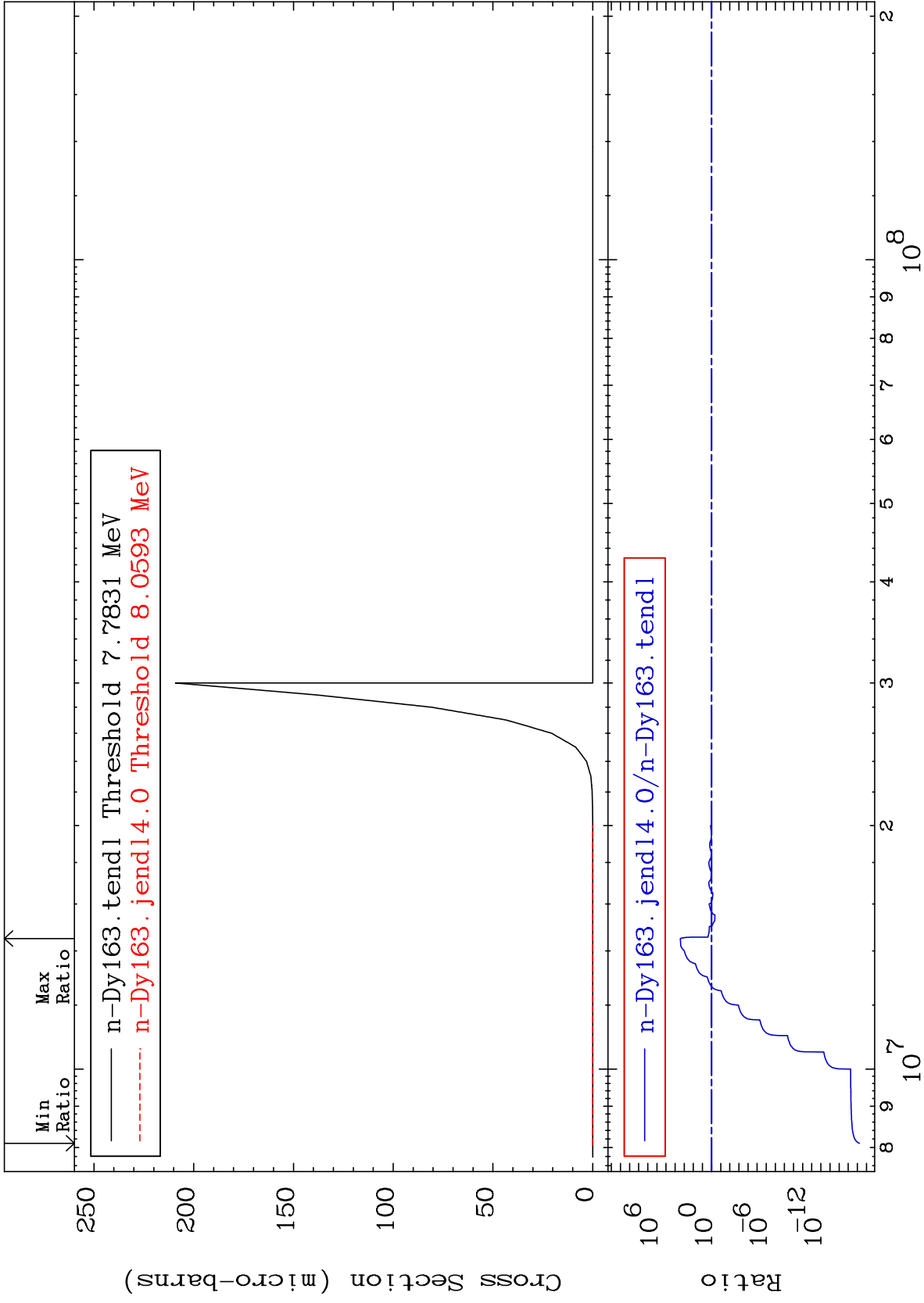
MAT 6646

(n, He-3)

66-Dy-163

Cross Section

-100.0 To 9999. %



46

66-Dy-163

66-Dy-163

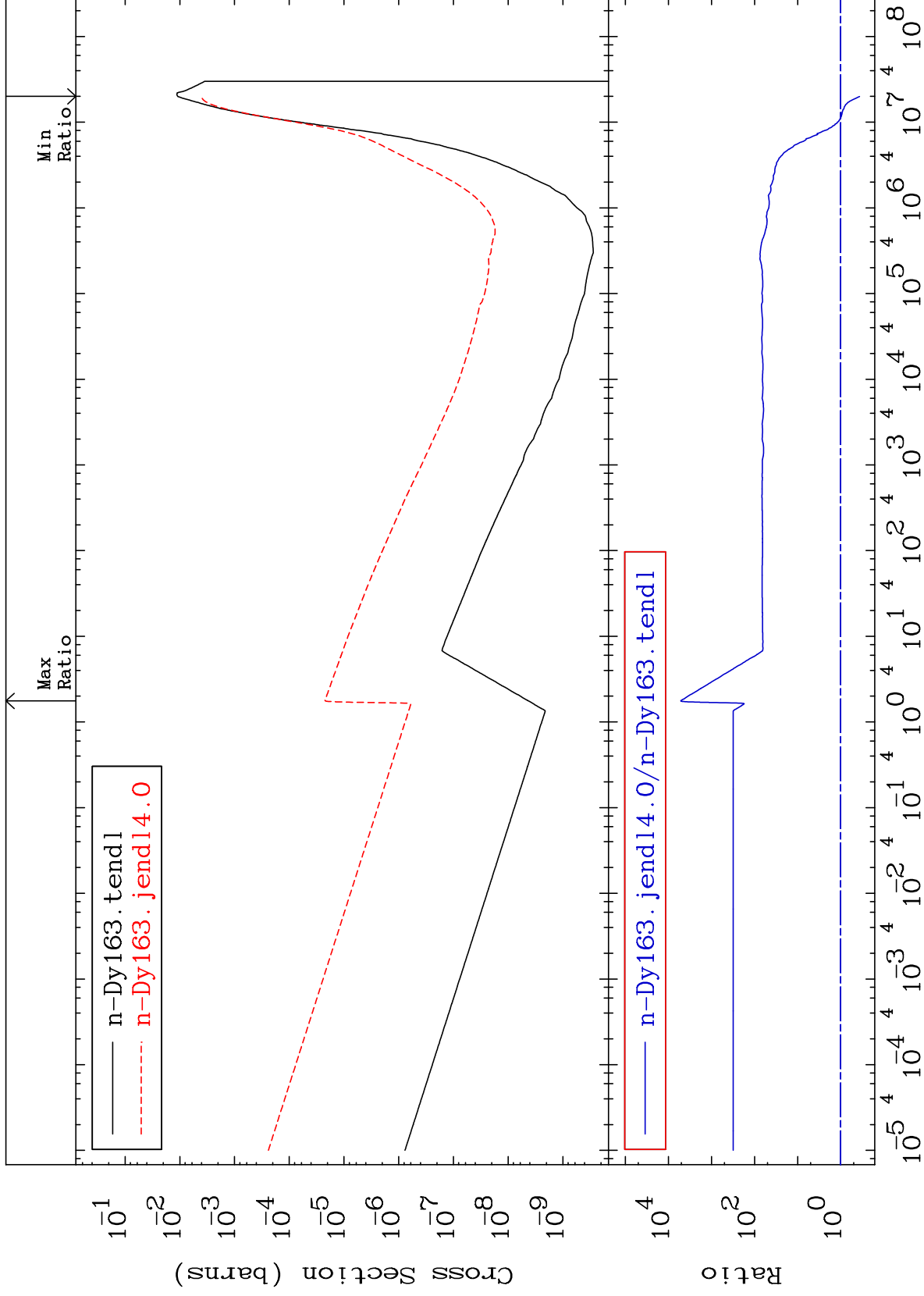
MAT 6646

(n,  $\alpha$ )

66-Dy-163

Cross Section

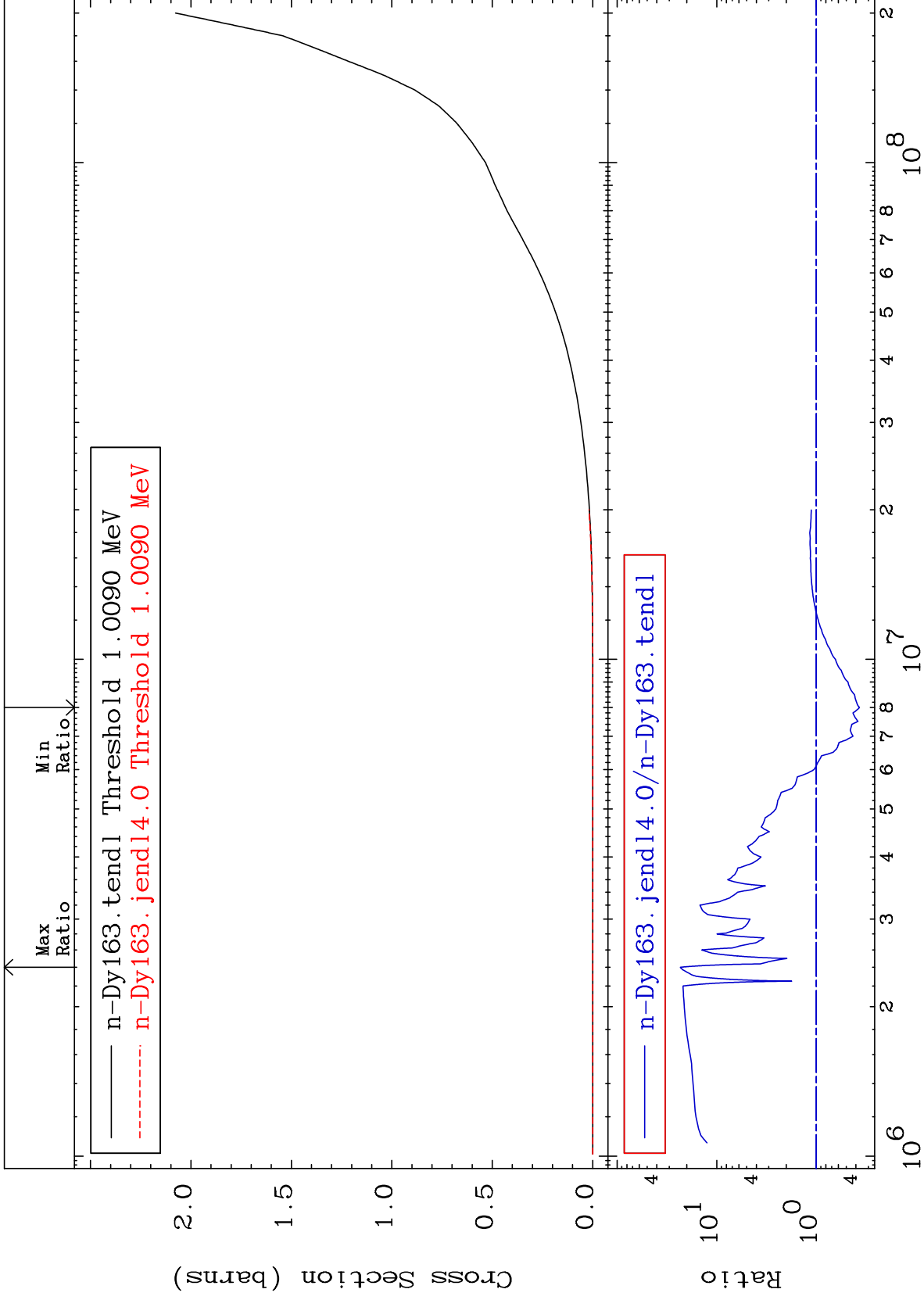
-63.50 To 9999. %



47

Incident Energy (eV)

66-Dy-163

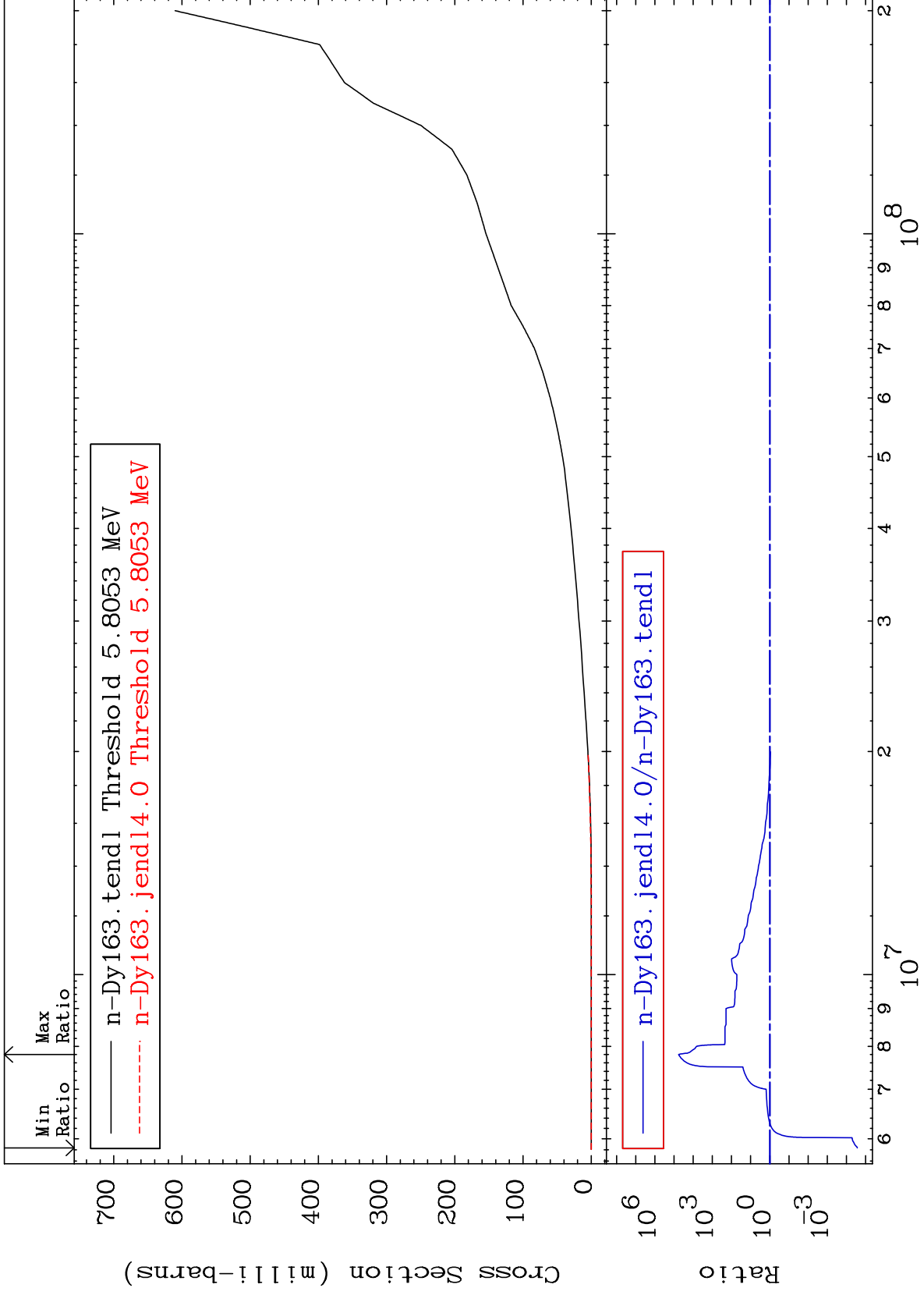




MAT 6646

Deuterium Production  
Cross Section

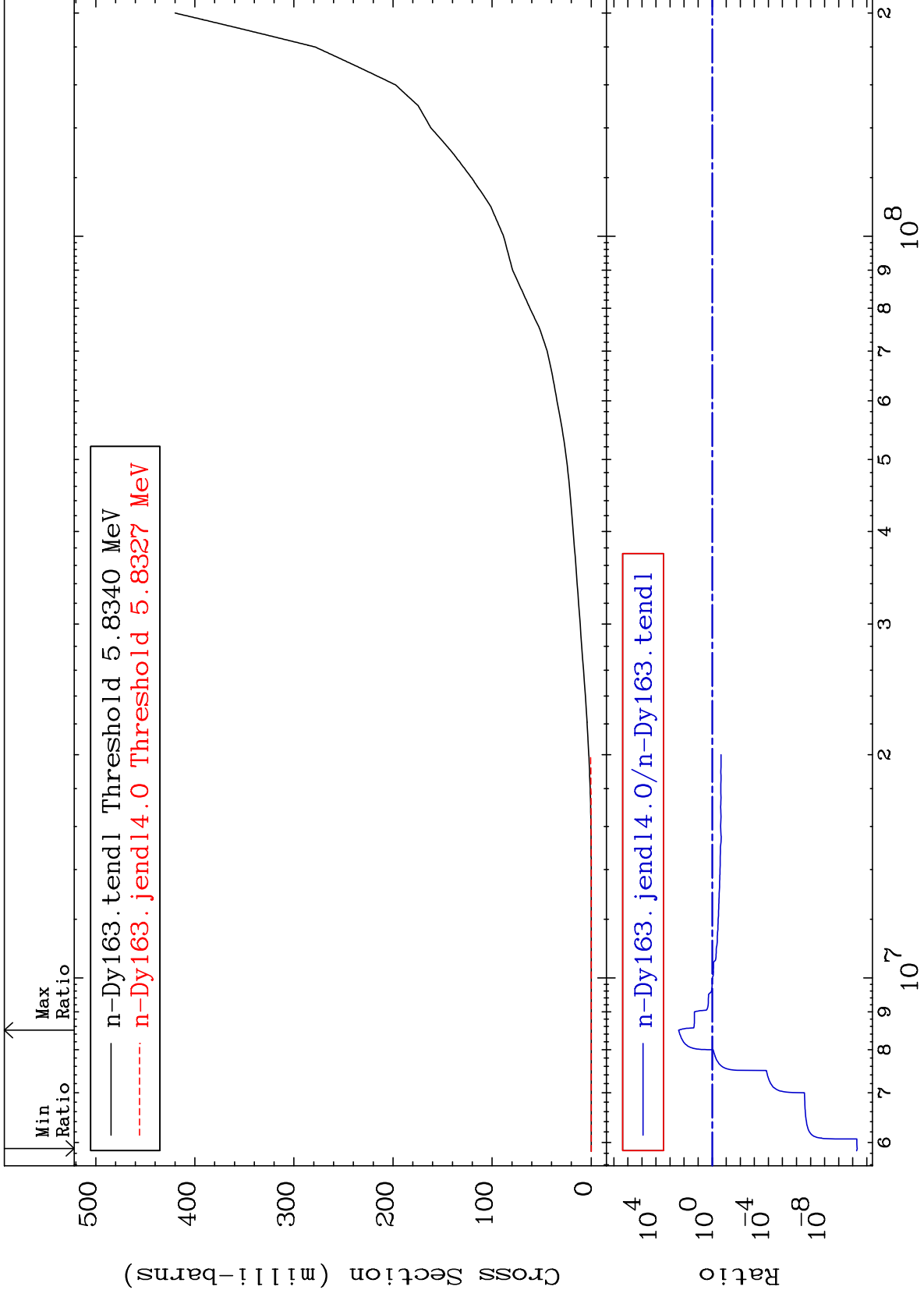
66-Dy-163  
-100.0 To 9999. %



MAT 6646

Tritium Production  
Cross Section

66-Dy-163  
-100.0 To 9999. %



50

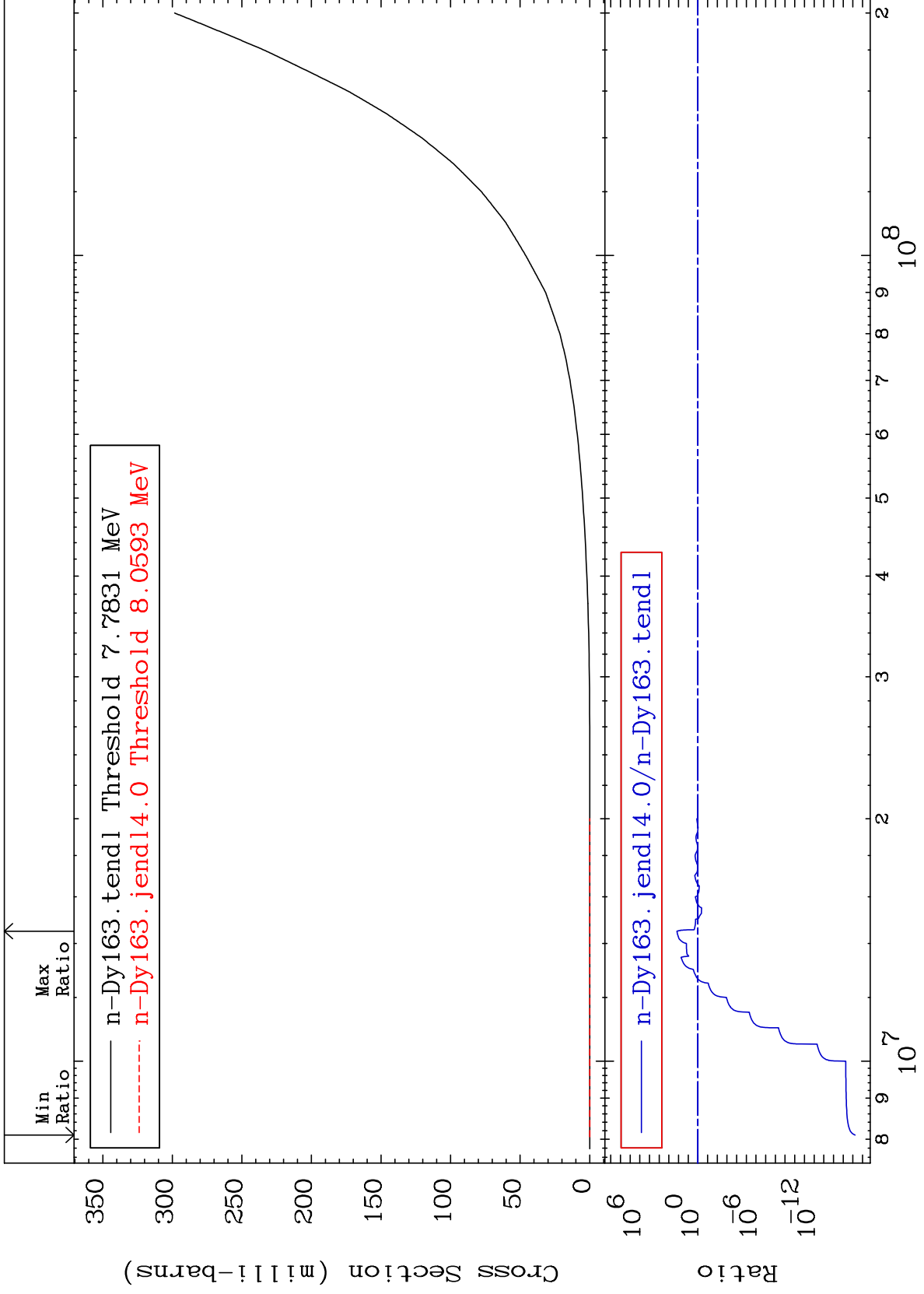
Incident Energy (eV)

66-Dy-163

MAT 6646

He-3 Production  
Cross Section

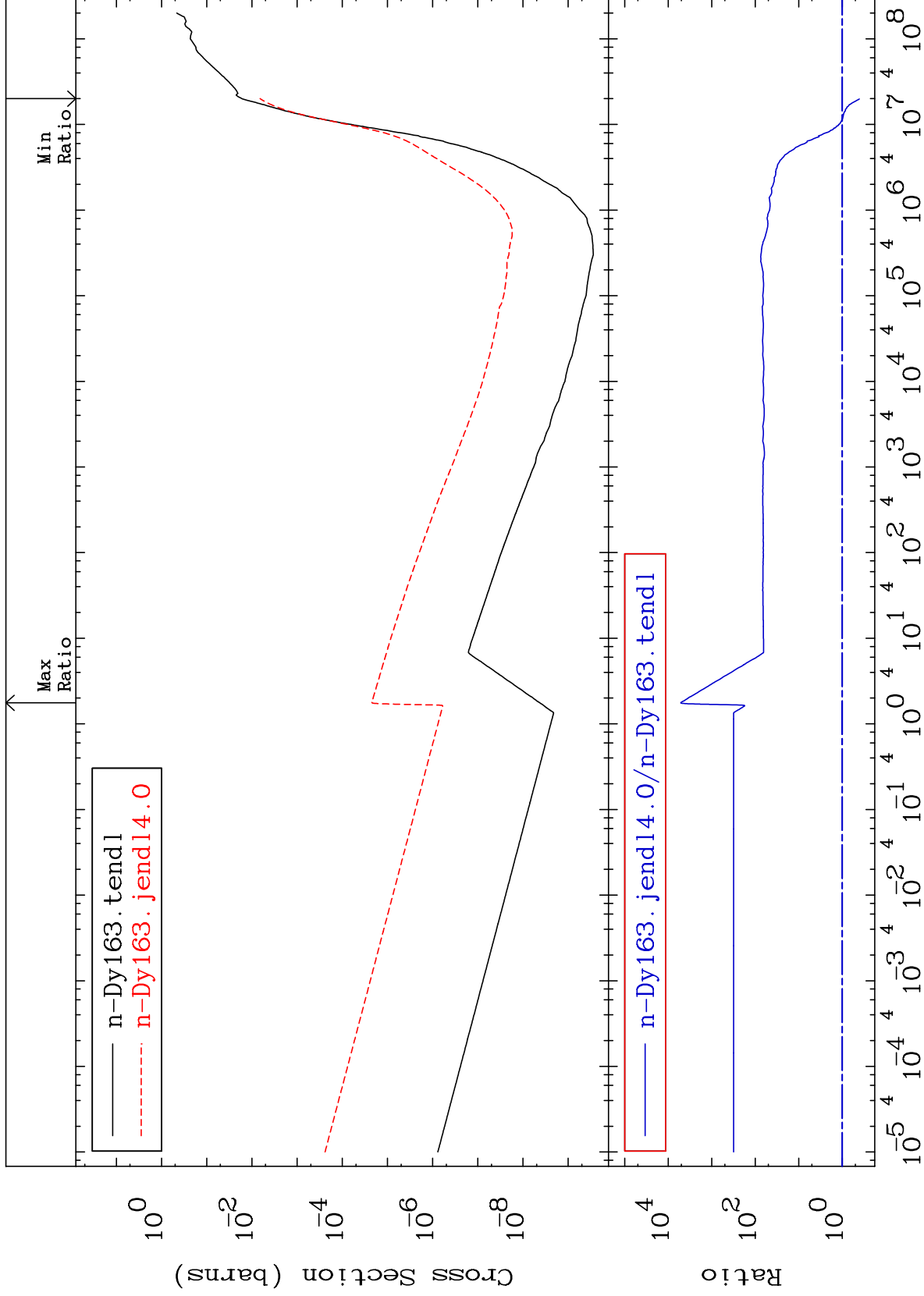
66-Dy-163  
-100.0 To 9999. %



MAT 6646

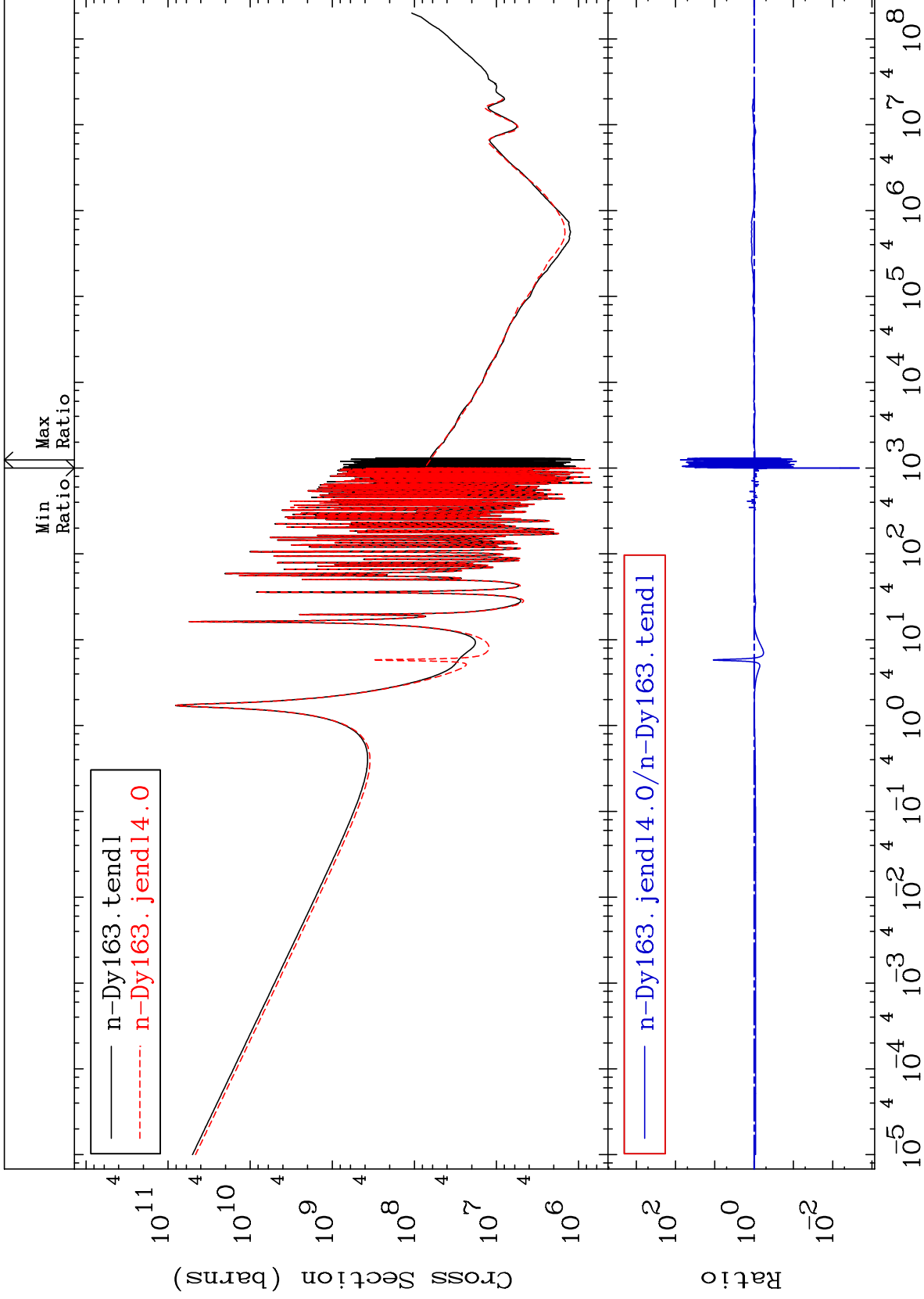
He-4 Production  
Cross Section

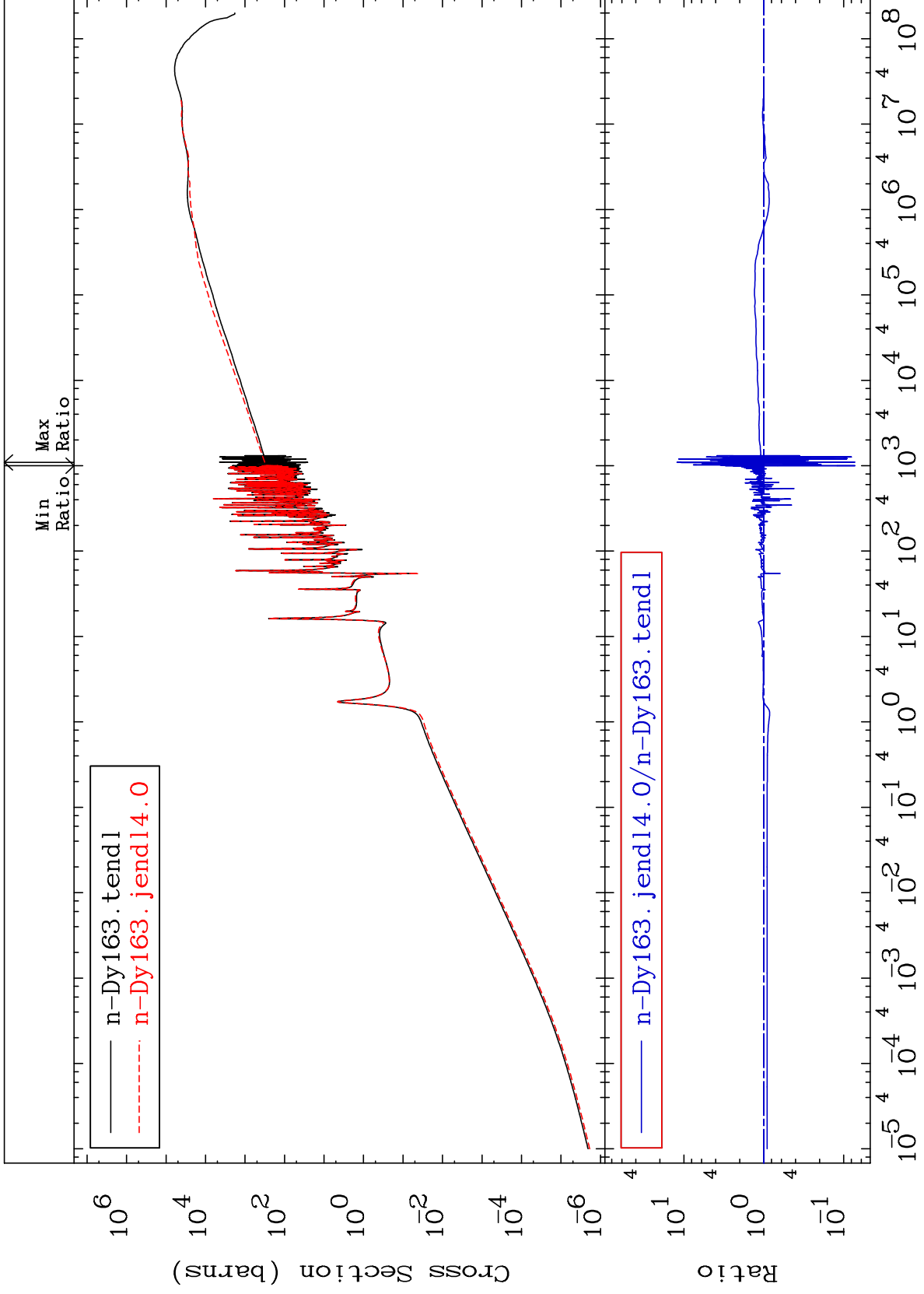
66-Dy-163  
-60.06 To 9999. %

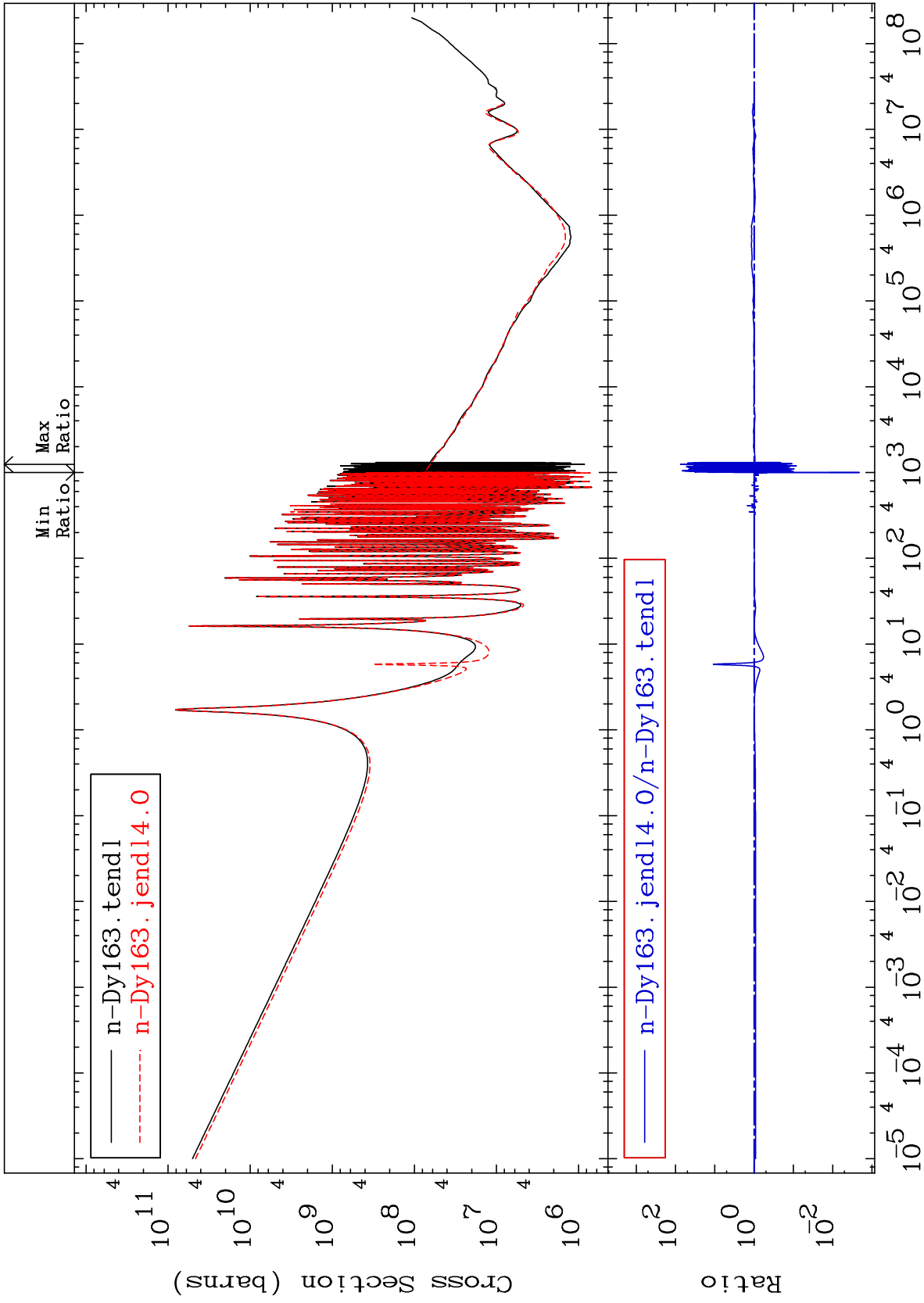


Cross Section

-99.79 To 7429. %



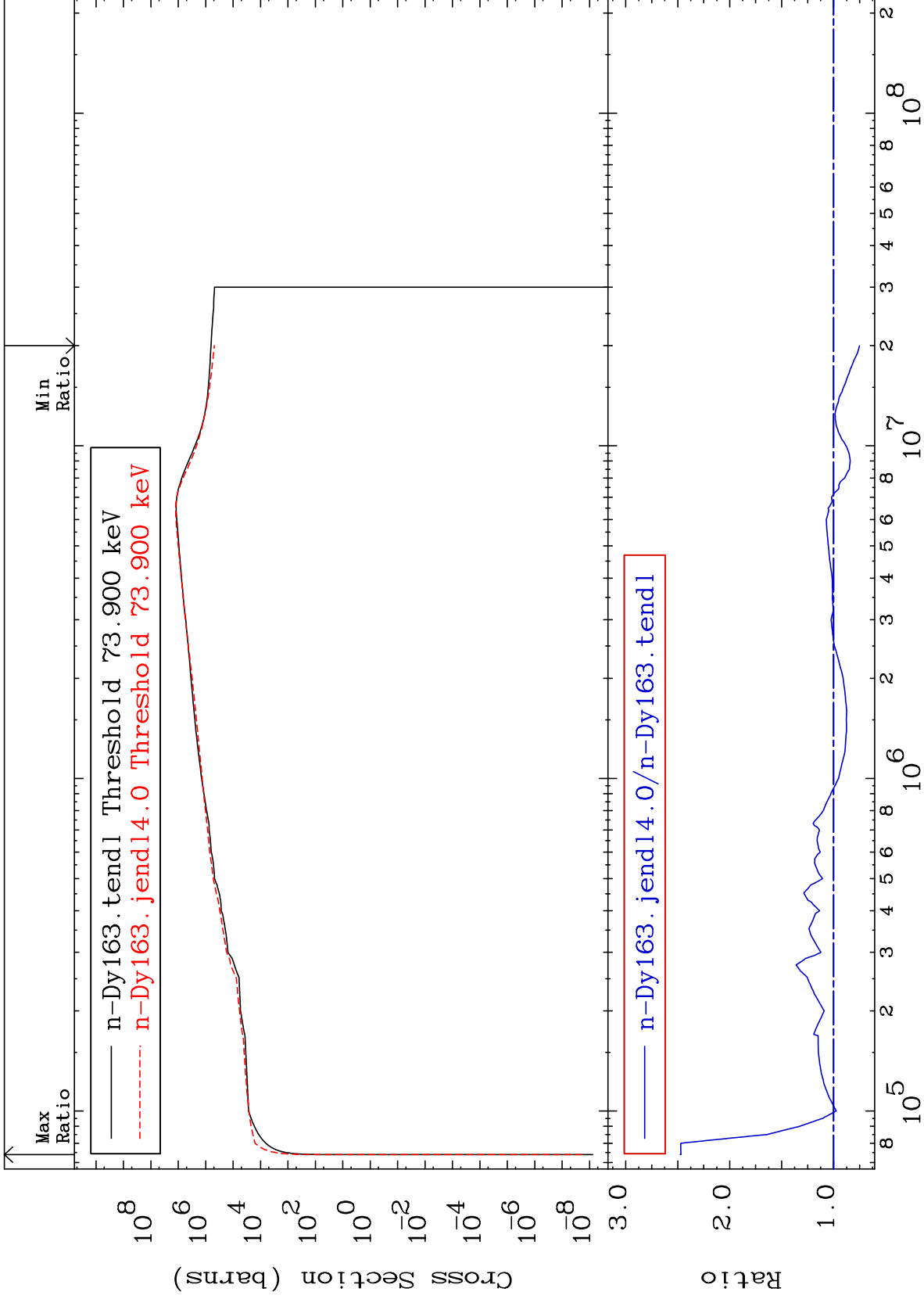




MAT 6646

Kerma inelastic (mt51-91)  
Cross Section

66-Dy-163  
-24.84 To 147.5 %



56

Incident Energy (eV)

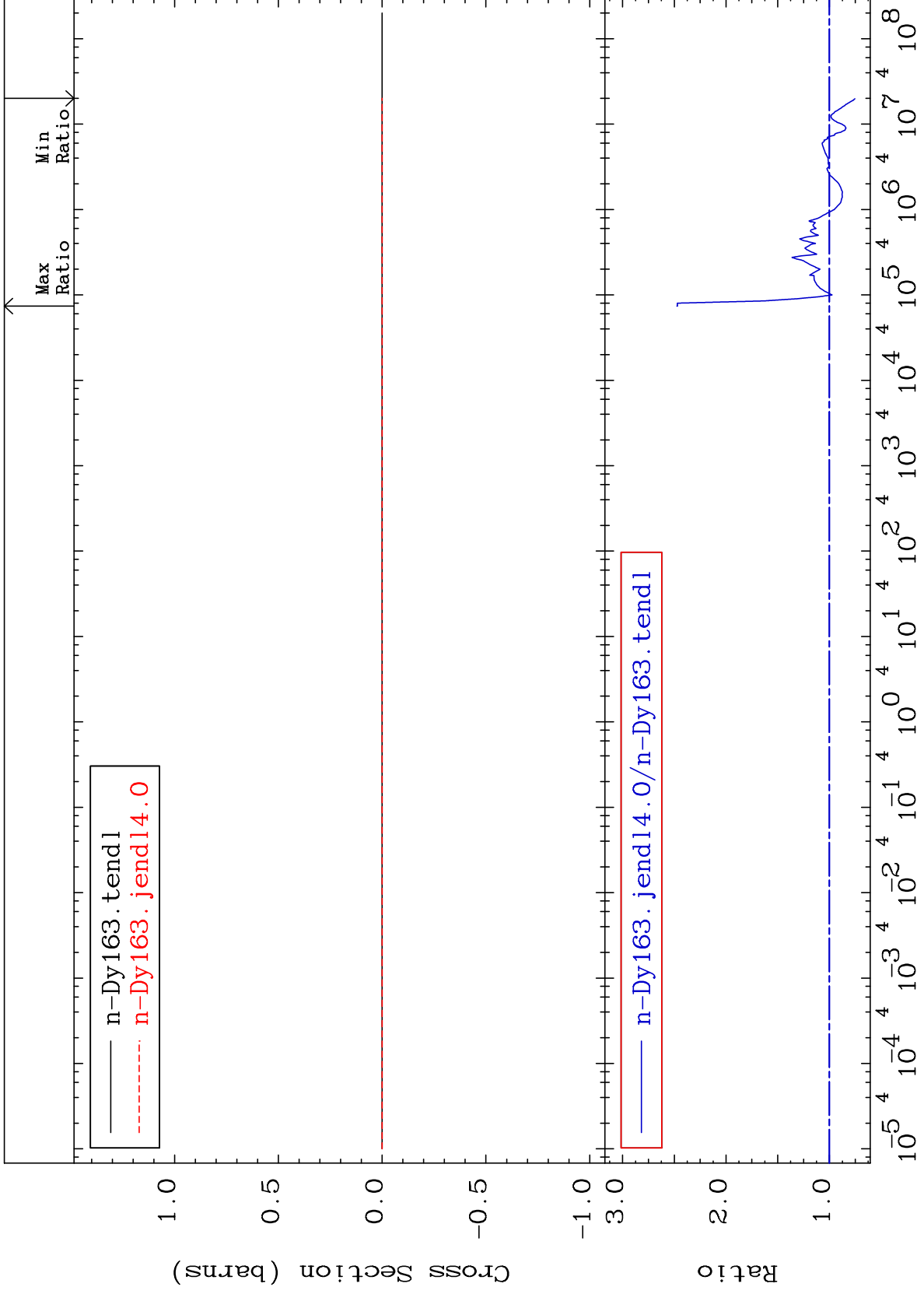
66-Dy-163

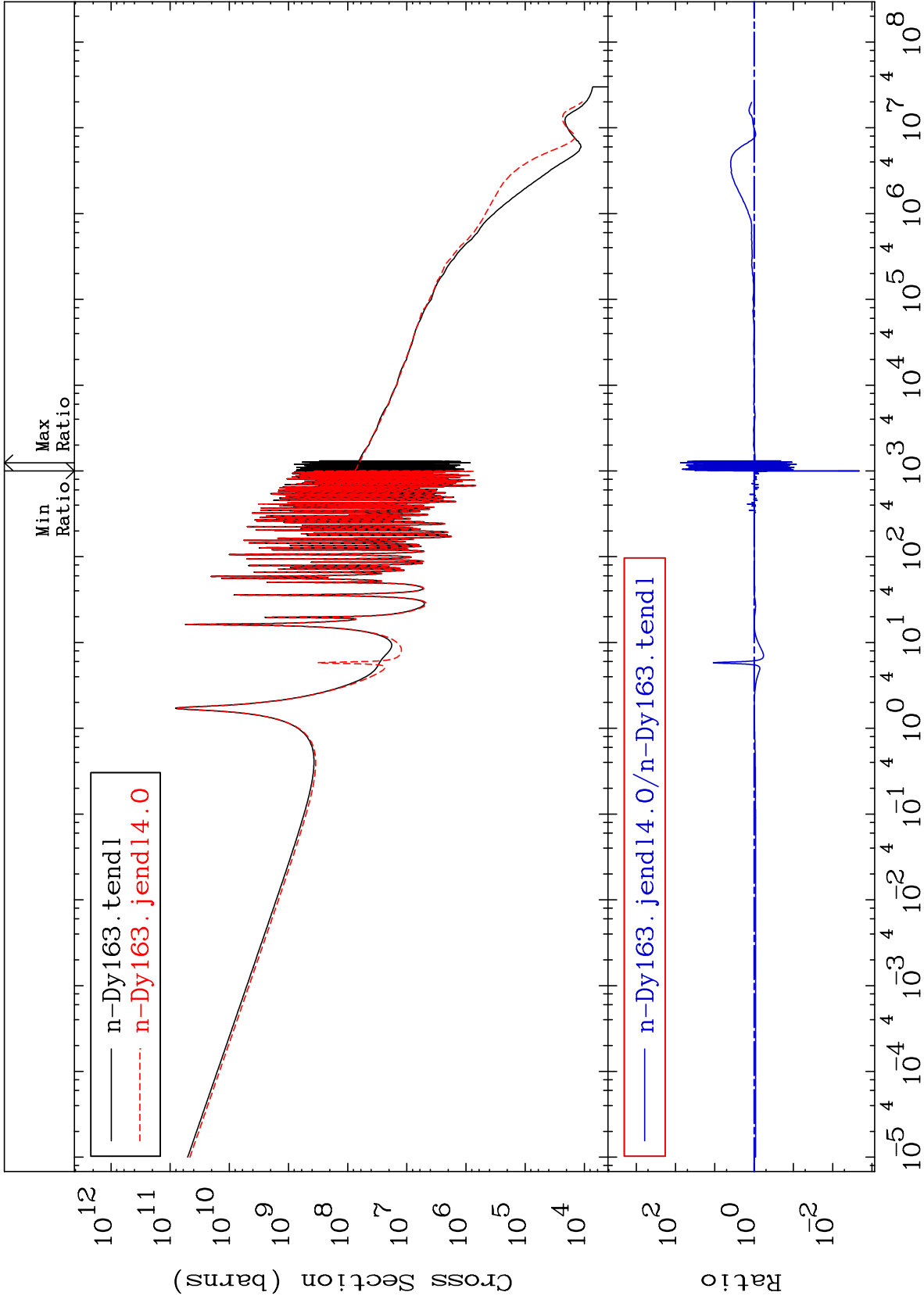


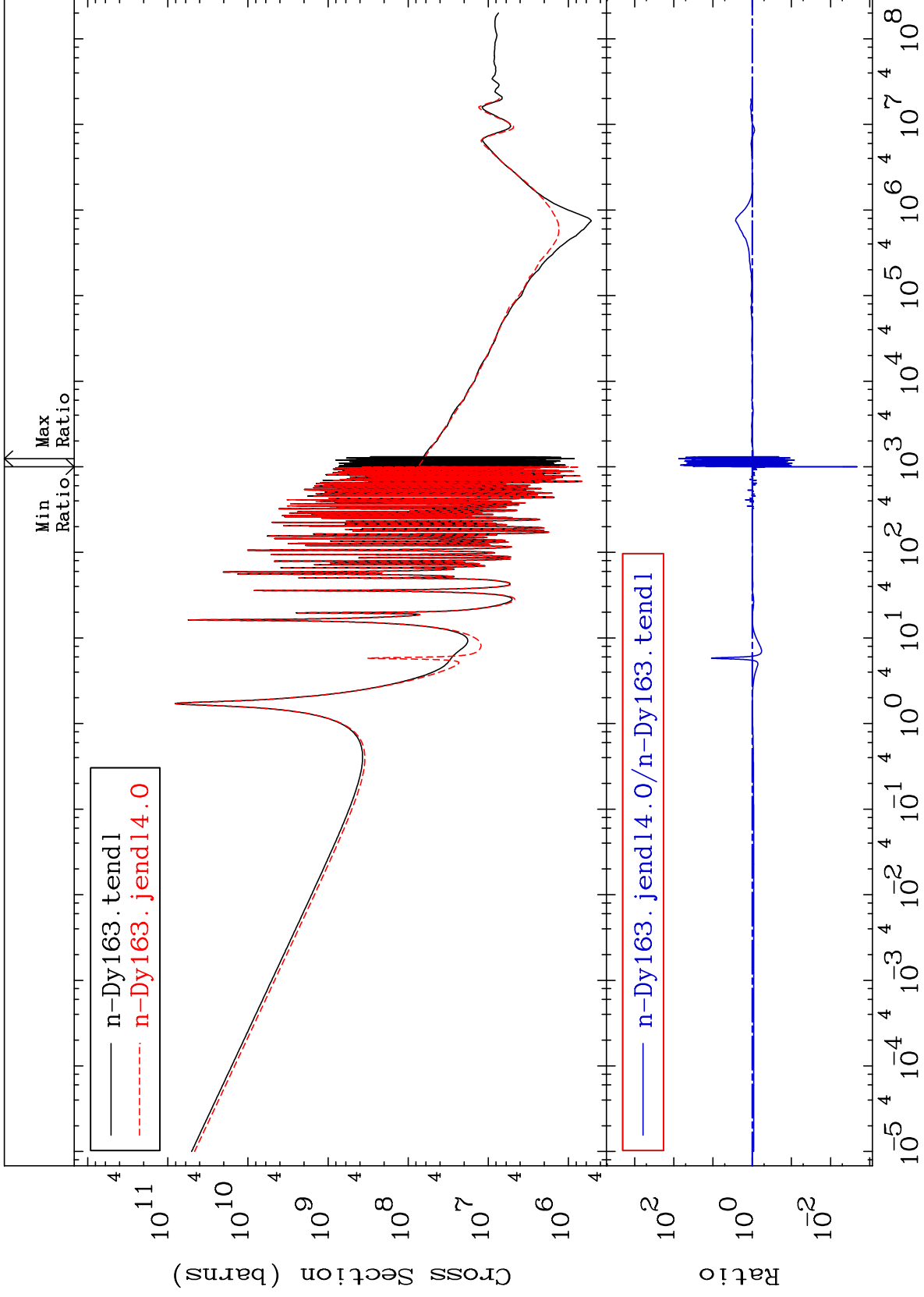
MAT 6646

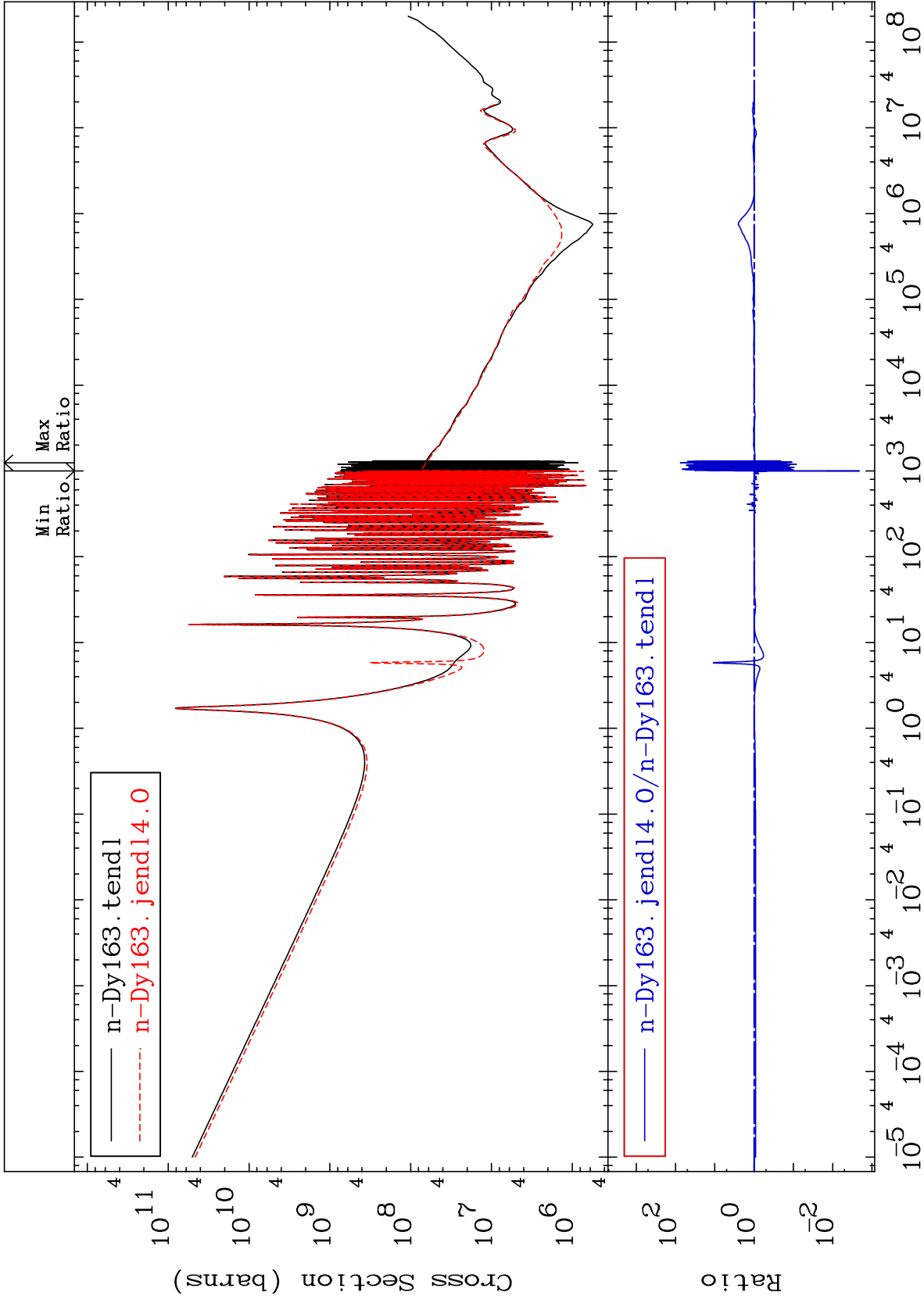
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

66-Dy-163  
-24.84 To 147.5 %





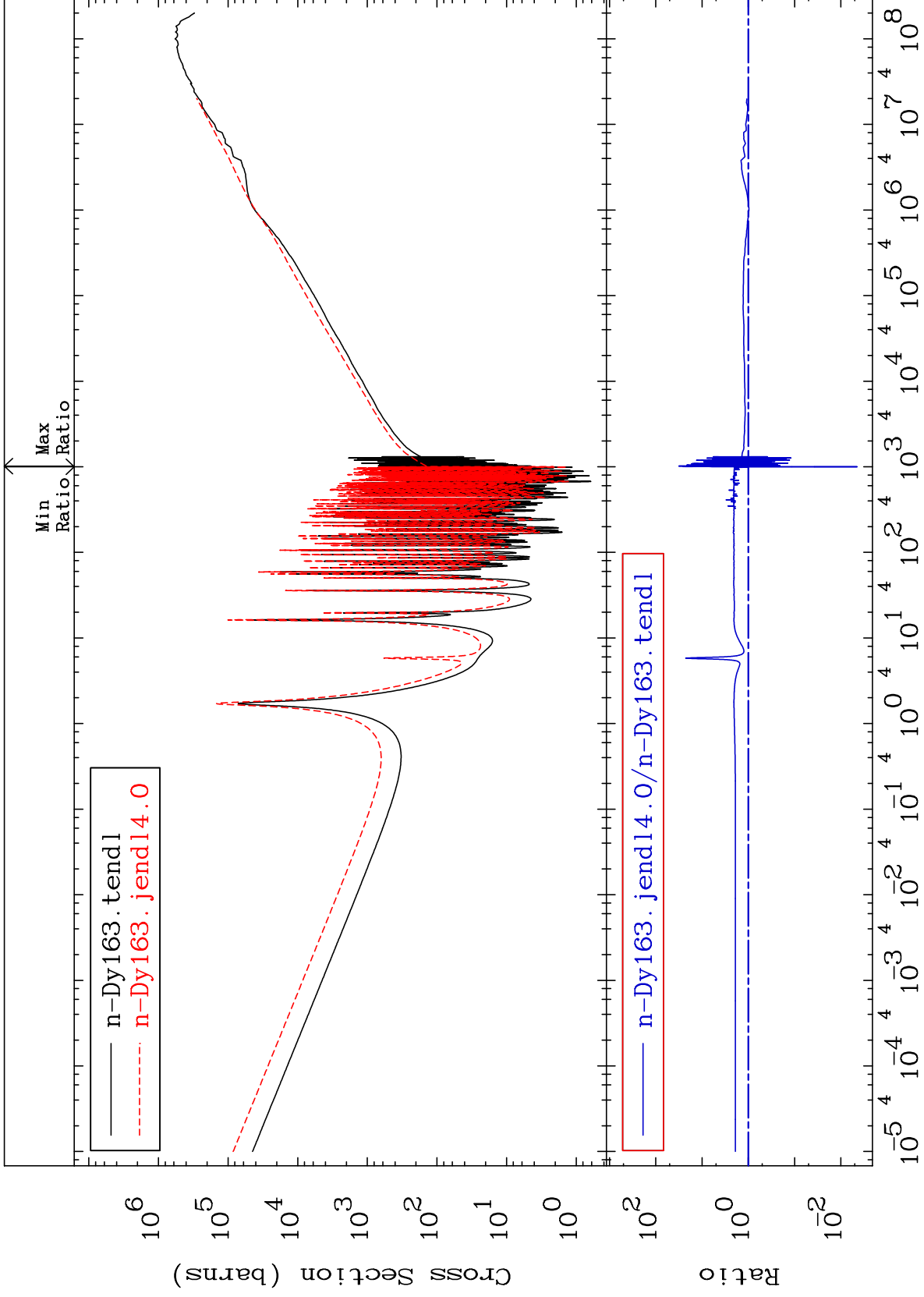




MAT 6646

Dpa total (eV-barns)  
Cross Section

66-Dy-163  
-99.56 To 3106. %



61

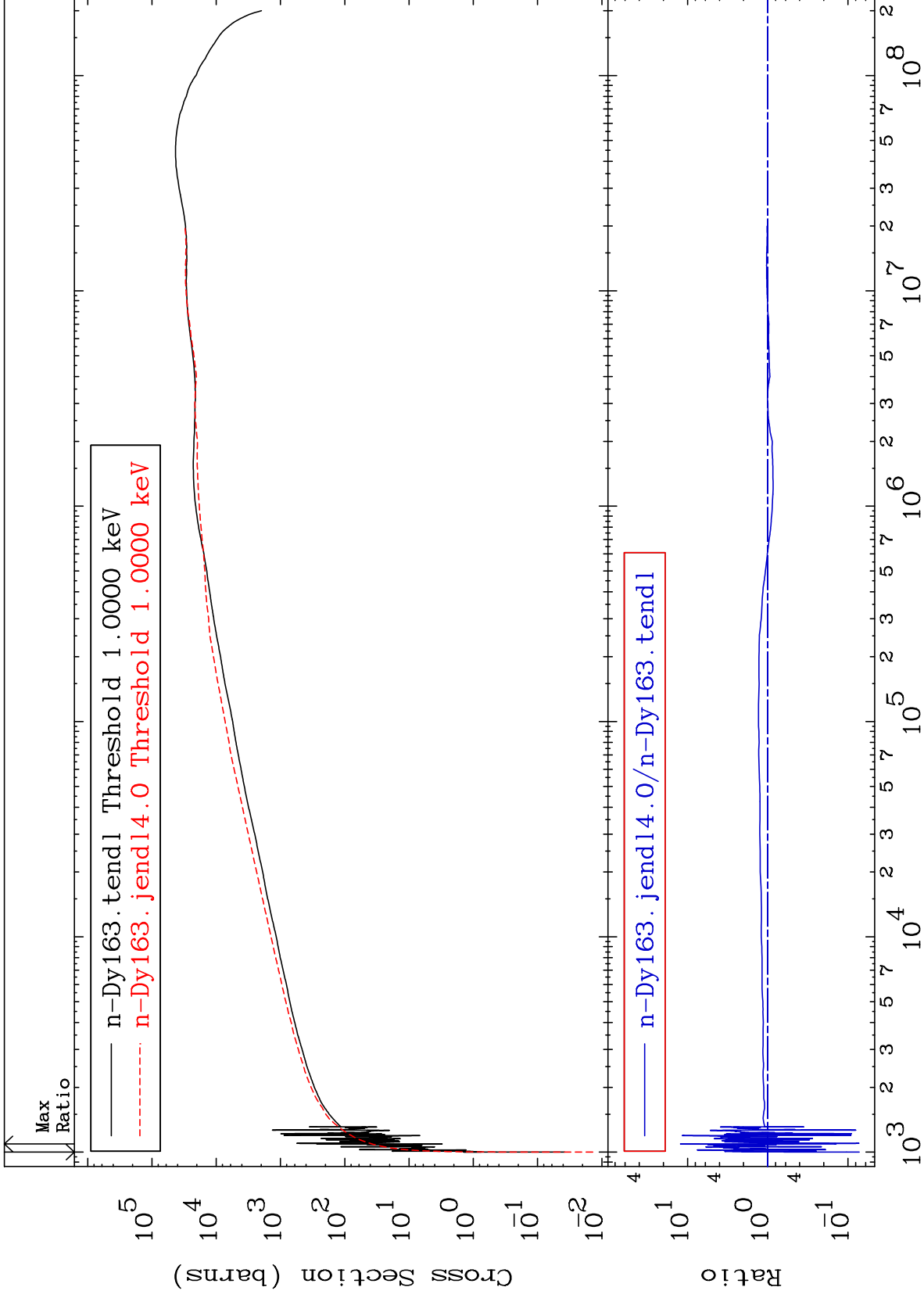
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa elastic (mt2)  
Cross Section

66-Dy-163  
-92.81 To 1128. %



62

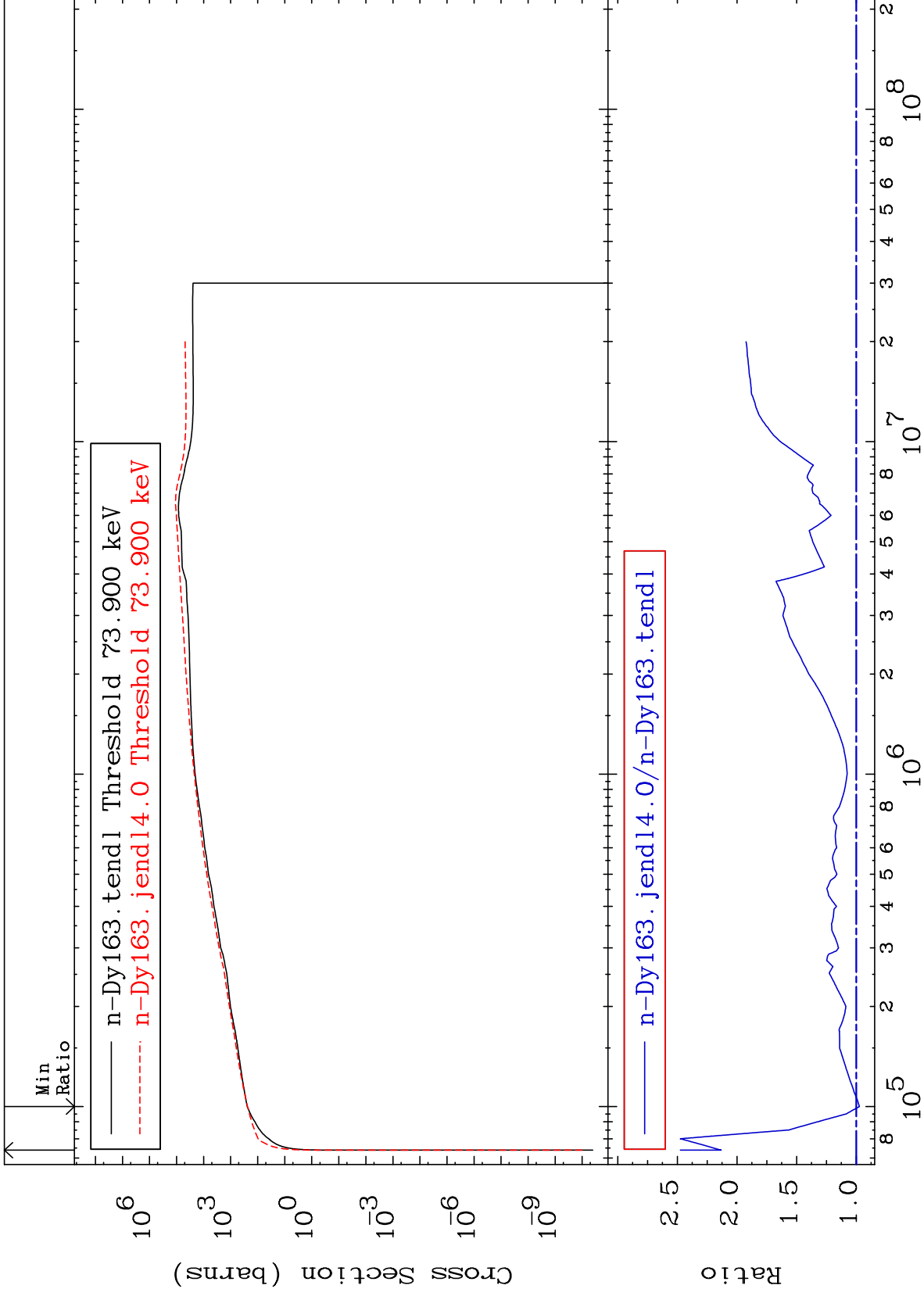
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa inelastic (mt51-91)  
Cross Section

66-Dy-163  
-2.666 To 147.5 %



63

66-Dy-163

